

|   | Page    |   | ACCESSORIES |
|---|---------|---|-------------|
| Oils and Lubricants                               | 2 - 6   |    |             |
| Lubrication Equipment (Grease & Oil)              | 7 - 32  |    |             |
| Fuel Equipment & Chemical Pumps                   | 33 - 41 |   |             |
| Air Equipment                                     | 42 - 43 |   |             |
| Diaphragm Pumps & LED Light                       | 44 - 45 |   |             |
| Hose Reels  | 46 - 50 |   |             |
| Protect Lanolin, Degreaser and Adhesive Products  | 51 - 64 |   | CONTENTS    |
| Adhesive Products Chemical Compatibility          | 65 - 69 |   |             |
| Compartment Storage Case & Cabinet / Frames       | 70      |  |             |
| Automotive Hoses                                  | 72 - 74 |   |             |
| Air Conditioning Hose and Fittings                | 75 - 76 |   |             |
| DEF (Diesel Exhaust Fluid) Adblue Tube & Fittings | 76 - 77 |   |             |
| Cable Ties, Crimp Rings & Test Tags               | 79 - 80 |  |             |
| Hose Cleaning Equipment                           | 81      |   |             |
| Thread Identification and Tool Kits               | 82      |   |             |
| Pressure Cleaner Components                       | 83 - 91 |   |             |

# LUBRICANTS

## MINERAL BASED OILS AND GREASES



### Hydraulic Oils:

- Pirtek supply popular commonly used hydraulic fluids
- Available in ISO Grades 46 and 68
- All oils incorporate advanced performance additives to combat rust, corrosion and wear
- Meet or exceed major manufacturer's requirements
- Handy 10 litre packs or 205 litre drums
- High Viscosity HVI types available upon request



### Automotive Fluids:

- ATF Type D is a quality Automatic Transmission Fluid suitable for older style automatic transmissions and modern Power Steering systems available in a 5 litre pack
- For smaller power steering requirements, Pirtek offer a 350 ml pack of Power Steering Fluid
- For other specialist requirements, please consult Pirtek



### Greases:

- NLGI No2 Lithium complex grease contains extreme pressure additive
- Recommended for extended lubrication intervals
- Suitable for wheel bearings (disc and drum brakes), chassis, construction and farm equipment
- Provides superior resistance to water wash out
- Good adhesive properties
- Has a smooth texture and is blue in colour

### PIRTEK LUBRICATION PRODUCTS

| Product Code | Description                                | 350 ml | 450 gram | 1 litre | 5 litre | 10 litre | 20 litre | 205 litre |
|--------------|--|--------|----------|---------|---------|----------|----------|-----------|
| VATFD-05     | Type D Automatic Transmission Fluid 5 Lt   |        |          |         | •       |          |          |           |
| VATFDX3-01   | Type DX3 Automatic Transmission Fluid 1 Lt |        |          | •       |         |          |          |           |
| VATFDX3-05   | Type DX3 Automatic Transmission Fluid 5 Lt |        |          |         | •       |          |          |           |
| VPS-350      | Power Steering Fluid 350ml                 | •      |          |         |         |          |          |           |
| VEP2-450     | Molyliith EP2 Grease 450 g (Box= 12 Units) |        | •        |         |         |          |          |           |
| VM-450       | MoS <sub>2</sub> Fortified Lithium Complex |        | •        |         |         |          |          |           |
| VHT46-10     | Oil - Hydraulic Oil 46 X 10 Lt             |        |          |         |         | •        |          |           |
| VHT46-20     | Oil - Hydraulic Oil 46 X 20 Lt             |        |          |         |         |          | •        |           |
| VHT46-205    | Oil - Hydraulic Oil 46 X 205 Lt            |        |          |         |         |          |          | •         |
| VHT68-10     | Oil - Hydraulic Oil 68 X 10 Lt             |        |          |         |         | •        |          |           |
| VHT68-20     | Oil - Hydraulic Oil 68 X 20 Lt             |        |          |         |         |          | •        |           |
| VHT68-205    | Oil - Hydraulic Oil 68 X 205 Lt            |        |          |         |         |          |          | •         |



### VHT46

#### HYDRAULIC OIL

#### ISO GRADE 46



| Product Code | Description      | Packaging Size |
|--------------|------------------|----------------|
| VHT46-10     | Hydraulic Oil 46 | 10 litre       |
| VHT46-20     | Hydraulic Oil 46 | 20 litre       |
| VHT46-205    | Hydraulic Oil 46 | 205 litre      |

- Premium mineral based oil with quality additives for long life
- Good oxidation resistance, corrosion prevention, and anti-wear performance
- Recommended for use in mobile and industrial applications where either mild or severe operating conditions exist
- Ideal for general industrial equipment such as machine tools, rotary air compressors and enclosed gearboxes where extreme pressure additives are not required
- NB: **NOT** recommended for Lucas pumps with silver bearings
- Always refer to the Owner's Manual for recommended oil grade and change intervals
- Approvals: Vickers M-2950-S, 1-286-S  
Cincinnati Milacron P68, P69, P70  
DIN 51524 Part 2  
US Steel 127, 136  
Denison HF-1, HF-0

### VHT68

#### HYDRAULIC OIL

#### ISO GRADE 68

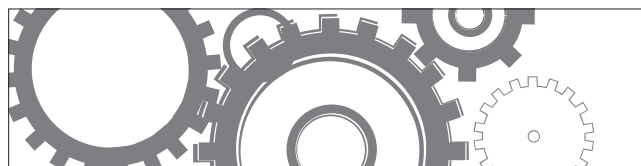


| Product Code | Description      | Packaging Size |
|--------------|------------------|----------------|
| VHT68-10     | Hydraulic Oil 68 | 10 litre       |
| VHT68-20     | Hydraulic Oil 68 | 20 litre       |
| VHT68-205    | Hydraulic Oil 68 | 205 litre      |

- Premium mineral based oil with quality additives for long life
- Good oxidation resistance, corrosion prevention, and anti-wear performance
- Recommended for use in mobile and industrial applications where either mild or severe operating conditions exist
- Ideal for general industrial equipment such as machine tools, rotary air compressors and enclosed gearboxes where extreme pressure additives are not required
- NB: **NOT** recommended for Lucas pumps with silver bearings
- Always refer to the Owner's Manual for recommended oil grade and change intervals
- Approvals: Vickers M-2950-S, 1-286-S  
Cincinnati Milacron P68, P69, P70  
DIN 51524 Part 2  
US Steel 127, 136  
Denison HF-1, HF-0

## LUBRICANTS

## MINERAL BASED OILS AND GREASES



## VATFD

AUTO TRANSMISSION FLUID  
TYPE D

| Product Code | Description                    | Container Size |
|--------------|--------------------------------|----------------|
| VATFD-05     | Auto Transmission Fluid Type D | 5 litre        |

- Can be used in all vehicles requiring a IID specification fluid
- Suitable for all GM vehicles up to 1993
- Can be used for in service fills on most popular vehicles
- Approvals: GM 6137M  
Ford M2C 138-CJ  
DB 236.6  
DB 236.7

## VATFDX3

AUTO TRANSMISSION FLUID  
TYPE DX-3

| Product Code | Description                       | Container Size |
|--------------|-----------------------------------|----------------|
| VATFDX3-01   | Auto Transmission Fluid Type DX-3 | 1 litre        |
| VATFDX3-05   | Auto Transmission Fluid Type DX-3 | 5 litre        |

- Formulated with premium base stocks and advanced additive technology to meet the challenging demands of an automatic transmission environment
- A high quality friction-modified lubricant
- Carries both GM and Ford approvals
- Responsive low temperature fluidity
- Benefits both electronically and hydraulically controlled transmissions
- Surpasses the requirements of Manufacturers specifying DEXRON® III
- Features greater friction stability to maintain consistent shift performance
- Meets new tests for wear and shudder resistance
- Resists thickening due to high temperature
- Approvals:

Dexron® III qualified  
Ford M2C 138-CJ, M2C 166-H  
Mercon  
Caterpillar TO-2  
HN 2105  
Allison C4  
GM 6297M

## VPS

## POWER STEERING FLUID



| Product Code | Description          | Container Size |
|--------------|----------------------|----------------|
| VPS-350      | Power Steering Fluid | 350 ml         |

- Formulated to meet the stringent requirements of most power steering units
  - Prevents corrosion, oxidation and wear
  - Helps stop leaks
  - Keeps seals and O-Rings pliable
- PLEASE NOTE: This product is not suitable for all vehicles / power steering units.  
Refer to vehicle owner's manual before application





### VM

#### ALL PURPOSE GREASE

#### LITHIUM COMPLEX WITH 3% MoS<sub>2</sub>



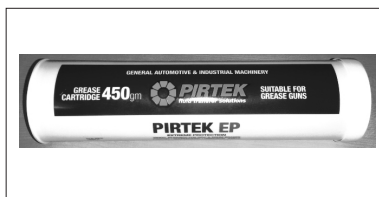
| Product Code | Description                                | Cartridge Size |
|--------------|--|----------------|
| VM-450       | MoS <sub>2</sub> Fortified Lithium Complex | 450 gram       |

- Special long life grease for high load service conditions
- Fortified with extreme pressure additives
- Contains rust and corrosion inhibitors
- Tackiness adhesive additives prevent squeeze out under high loads
- Molybdenum Disulphide (MoS<sub>2</sub> 3%) incorporated to increase film strength
- Suited to all types of automotive, industrial and marine applications
- Meets NLGI No. 2 performance
- Grey / black in colour
- 5% MoS<sub>2</sub> version available upon request
- 12 Units per carton

### VEP2

#### EXTREME PRESSURE GREASE

#### NLGI NO. 2 LITHIUM COMPLEX GREASE



| Product Code | Description       | Cartridge Size |
|--------------|-------------------|----------------|
| VEP2-450     | Valplex EP Grease | 450 gram       |

- Contains a non-lead extreme pressure (EP) additive
- Contains rust and corrosion inhibitors
- Suited to extended lubrication intervals of vehicle chassis points
- Other applications:
  - Wheel bearings (drum or disc brake equipped) for all types of vehicles and equipment
  - Oscillating bucket pins and universal joints
  - Ball, roller and slow speed plain bearings under all service conditions
- Meets NLGI No. 2 performance
- Blue in colour
- Smooth and tacky texture
- 12 Units per carton
- CAUTION: DO NOT mix greases. Always thoroughly wash out bearings and housings before repacking

# LUBRICANTS

## CLEANER AND DEGREASER



### VABPC

#### BRAKE PARTS CLEANER



| Product Code | Description         | Aerosol Size |
|--------------|---------------------|--------------|
| VABPC-400    | Brake Parts Cleaner | 400 gram     |

- Quickly removes brake fluid, grease, oil and brake dust while leaving no residue
- The fast drying solvent helps dislodge surface dirt and oil to eliminate brake squeal
- Safe for use on electric motors, switches and distributor contacts during maintenance (do not apply to electrical components whilst they are in service)

### VAD

#### AUTO DEGREASER

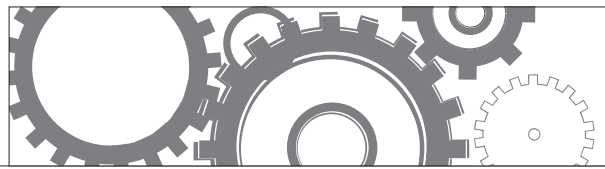


| Product Code | Description              | Aerosol Size |
|--------------|--------------------------|--------------|
| VAD-400      | SynPower Super Degreaser | 400 gram     |

- An emulsifiable fluid with high solvency for removal of sludge and grime
- Clean engines, chassis, parts and concrete floors
- Simply spray on, allow to soak, and remove with jets of water
- Do not use on wet surfaces, since water will reduce the cleaning performance
- Available in bulk supply packs (5, 20, 205 litre) to special order

# LUBE EQUIPMENT

## GREASE, OIL, FUEL, WATER & AIR



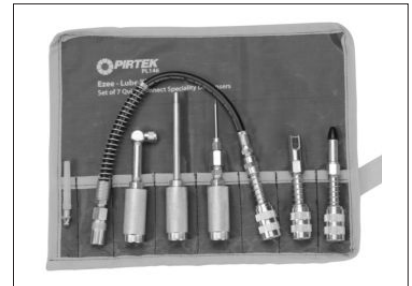
### Description :

- Pirtek's extensive range of fuel, lubricant, chemical and solvent drum pumps facilitate quick and easy fluid transfer
- If you are aiming to source a cost effective means of transferring fluids out of drums, Pirtek will have the equipment to suit your needs to get the job done quickly



### Product Range:

- 20 litre drum pumps
- 60 litre drum pumps
- 205 litre drum pumps
- Hand operated drum pumps
- Air operated drum pumps
- 12 volt, 24 volt, 240 volt drum pumps
- Synthetic or mineral based lubricant transfer drum pumps
- Kerosene, diesel fuel or petrol transfer drum pumps
- Transmission and brake fluid transfer drum pumps
- Chemical, acid or solvent drum pumps
- Grease transfer drum pumps
- Bulk tank pumps
- Air operated diaphragm pumps



### Applications:

- Ideal for automotive, agriculture, mining, timber, food & beverage and other primary industries
- Suit contractors and construction engineers
- Use in workshops, car dealerships, foundries etc

### Description :

- The extensive range of Pirtek Greasing equipment facilitates the quick and efficient lubrication of plant and machinery, be it with the aid of simple grease nipples and grease guns or a multi-zoned, fully monitored lube system
- The new industry benchmark Series PL1 grease guns guarantee quick and easy greasing
- Strong technical back-up by our network will ensure that your lubrication problems are quickly and professionally solved

### Product Range:

- Grease nipples and grease nipple assortment kits
- Grease nipple extensions
- 450 gram grease guns
- Grease gun accessories
- 2.5kg, 20kg, 55kg and 180kg grease kits
- Grease control valves
- Grease swivels
- Grease hose reels
- Remote mount and manual grease kits
- Single, dual and multi line grease and oil systems

### Applications:

- Industry application includes industrial, automotive, agricultural, transport, mining, marine, petrochemical, construction, food processing, steel and aluminium plants, forestry, milk and dairy, aviation and much more.
- \* Please note when using grease gun couplers & grease gun hoses, the grease gun working pressure is rated to the lowest of the component's working pressure.

# LUBE EQUIPMENT

## GREASE GUNS



### PL100

#### STANDARD GREASE GUN

#### LEVER ACTION



| Product Code | Description                      | Grease Capacity |
|--------------|----------------------------------|-----------------|
| PL100        | Standard Lever Action Grease Gun | 450 gram        |

- Capacity : 450 gm
- Grease cartridge / suction fill.
- Construction : Sheet metal Grease Gun head fitted with Bulk Loader.
- 150 mm steel extrn. & standard 4 Jaw coupler
- Develops 6,000 PSI.
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue

### PL101

#### HEAVY DUTY GREASE GUN

#### LEVER ACTION



| Product Code | Description                        | Grease Capacity |
|--------------|------------------------------------|-----------------|
| PL101        | Heavy Duty Lever Action Grease Gun | 450 gram        |

- Capacity : 450 gm
- Grease cartridge / Suction fill / Bulk Fill.
- Construction : Aluminum Die Cast Grease Gun head fitted with bulk loader & auto air bleeder
- Features : Built-In Variable Stroke, super strong lever handle with rubber grip
- 150 mm steel extension & professional 4 Jaw coupler
- Develops 10,000 PSI
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue
- 1 gram/stroke

### PL102

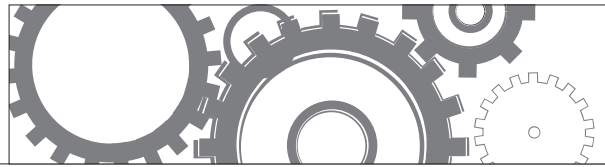
#### HEAVY DUTY GREASE GUN TO SUIT UNDERGROUND MINING

#### LEVER ACTION



| Product Code | Description  | Grease Capacity |
|--------------|--|-----------------|
| PL102        | Heavy Duty Lever Action Grease Gun<br>Designed for Underground Coal Mining | 450 gram        |

- Designed for Underground Coal Mining
- Capacity : 450 gm
- Grease cartridge / Suction fill / Bulk Fill.
- Construction : Zinc Die Cast Grease Gun head fitted with bulk loader & new air release valve
- Features : Built-In Variable Stroke, super strong lever handle with rubber grip
- 150 mm steel extension & professional 4 jaw coupler
- Develops 10,000 PSI
- Threaded : 1/8" BSPT
- Finish : Powder Coated Yellow
- 1 gram/stroke



### PL104

#### LEVER ACTION GREASE GUN CLEAR TUBE, HEAVY DUTY



| Product Code | Intended Use                                  | Grease Capacity |
|--------------|---|-----------------|
| PL104        | Clear Tube Heavy Duty Lever Action Grease Gun | 450 gram        |

- Capacity : 450 gm
- Grease cartridge / suction fill / Bulk Fill.
- Construction : Aluminum Die Cast Grease Gun head fitted with bulk loader & automatic air bleeder.
- Features : Built-In Variable Stroke, super strong lever handle with rubber grip
- 150 mm steel extrn. & professional 4 Jaw coupler
- Develops 10000 PSI.
- Threaded : 1/8" BSPT
- Finish : Clear Tube with Aluminium Ends
- 1 gram/stroke

### PL105

#### MINI LEVER ACTION GREASE GUN



| Product Code | Intended Use          | Grease Capacity |
|--------------|-----------------------|-----------------|
| PL105        | Mini Lever Grease Gun | 85 gram         |

- Capacity : 85 gm / 120 cc
- Grease cartridge / suction fill
- Construction : Aluminium Die Cast Grease Gun head fitted with steel block nut
- 150 mm steel extrn. & standard 4 Jaw coupler
- Develops 6000 psi
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue
- 0.55 gram/stroke

### PL111

#### PISTOL GRIP ACTION HEAVY DUTY GREASE GUN



| Product Code | Description            | Grease Capacity |
|--------------|------------------------|-----------------|
| PL111        | Pistol Grip Grease Gun | 450 gram        |

- Capacity : 450 gm
- Grease cartridge / suction fill
- Construction : Aluminium Die Cast Grease Gun head fitted with automatic air bleeder.
- 300 mm Hose & professional 4 Jaw coupler.
- Develops 5000 PSI.
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue
- 0.50 gram/stroke

# LUBE EQUIPMENT

## GREASE GUNS



### PL112

#### HEAVY DUTY GREASE GUN TO SUIT UNDERGROUND MINING PISTOL GRIP



| Product Code | Description  | Grease Capacity |
|--------------|--|-----------------|
| PL112        | Heavy Duty Pistol Grip Grease Gun designed for underground coal mining | 450 gram        |

- Pistol Grip Grease Gun
- Capacity : 450 gm
- Grease cartridge / suction fill
- Construction : Zinc Die Cast Grease Gun head fitted with automatic air bleeder
- 300 mm Hose & professional 4 Jaw coupler.
- Develops 5000 PSI.
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue
- 0.50 gram/stroke

### PL113

#### HEAVY DUTY GREASE GUN WITH VARIABLE OUTPUT PISTOL GRIP ACTION



| Product Code | Description                       | Grease Capacity |
|--------------|-----------------------------------|-----------------|
| PL113        | Pistol Grip Grease Gun (Variable) | 450 gram        |

- Pistol Grip Grease Gun
- Capacity : 450 gm
- Grease cartridge / suction fill / Bulk Fill
- Construction : Aluminium Die Cast Grease Gun head fitted with bulk loader valve.
- Features : Variable handle setting for High Pressure / high volume applications
- 300 mm High Pressure Hose & professional 4 Jaw coupler.
- Develops 7000 psi in High pressure setting & dispenses twice the amount of Grease compared to most other guns in high volume setting.
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue
- 0.90 gram/stroke

### PL114

#### CLEAR TUBE HEAVY DUTY GREASE GUN PISTOL GRIP ACTION



| Product Code | Description                                    | Grease Capacity |
|--------------|--|-----------------|
| PL114        | Clear Tube Heavy Duty Pistol Action Grease Gun | 450 gram        |

- Clear Tube Pistol Action Grease Gun
- Capacity : 450 gm
- Grease cartridge / suction fill
- Construction : Aluminium Die Cast Grease Gun head fitted with automatic air bleeder.
- 300 mm Hose & professional 4 Jaw coupler.
- Develops 5000 psi
- Threaded : 1/8" BSPT
- Finish : Clear Tube with Aluminium Ends
- 0.50 gram/stroke





### PL115

#### MINI GREASE GUN

#### PISTOL GRIP ACTION



| Product Code | Description  | Grease Capacity |
|--------------|--|-----------------|
| PL115        | Mini Pistol Grease Gun with dual discharge ports (inline & 90 deg) | 85 gram         |

- Capacity : 85 gm / 120 cc
- Grease cartridge / suction fill
- Construction : Aluminium Die Cast Grease Gun head fitted with steel block nut
- 100 mm steel extn. & standard 4 jaw coupler
- Develops 3500 PSI
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue
- 0.40 gram/stroke

### PL120

#### AIR OPERATED HEAVY DUTY GREASE

#### GUN CONTINUOUS ACTION

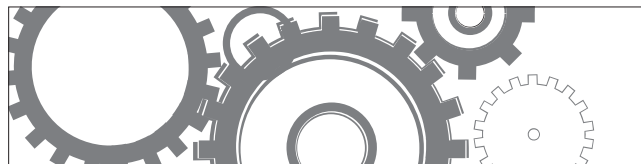


| Product Code | Description                               | Grease Capacity |
|--------------|---|-----------------|
| PL120        | Continuous Action Air Operated Grease gun | 450 gram        |

- Capacity : 450 gm
- Grease cartridge / suction fill / Bulk Fill
- Construction : Aluminium Die Cast Grease Gun head fitted with bulk loader valve.
- 150 mm steel extn. & professional 4 jaw coupler without ball check.
- Develops 4800 PSI.
- Threaded : 1/8" BSPT
- Finish : Powder Coated Blue
- Air inlet: 1/4" BSPT
- Pressure ratio 40:1
- 0.90 gram/shot
- Delivers 400 grams/minute
- Max air inlet pressure 3-8 bar (40-120 psi)

# LUBE EQUIPMENT

## GREASE GUN ACCESSORIES



### PL140

#### PROFESSIONAL GREASE GUN COUPLER 4 JAW



| Product Code | Description                     | Pressure Rating |
|--------------|---------------------------------|-----------------|
| PL140        | Professional Grease Gun Coupler | 6,000 psi       |

- Professional 4 Jaw Coupler with Ball Check
- 6000 psi / 415 Bar
- For Hand Operated Grease Guns
- 15mm diameter
- 1/8" BSPT

### PL141

#### HEAVY DUTY GREASE GUN COUPLER 4 JAW

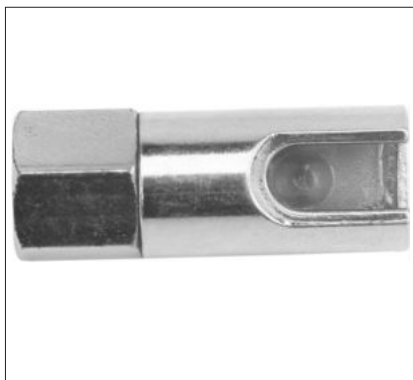


| Product Code | Description              | Pressure Rating |
|--------------|--------------------------|-----------------|
| PL141        | Heavy Duty 4 Jaw Coupler | 10,000 psi      |

- Heavy Duty 4 Jaw Coupler with Ball Check
- 10,000 psi / 690 Bar
- For Hand & Air Operated Grease Guns
- 17mm diameter
- 1/8" BSPT

### PL142

#### GREASE GUN COUPLER 90 DEGREE



| Product Code | Description                          | Pressure Rating |
|--------------|--------------------------------------|-----------------|
| PL142        | 90 Degree Coupler without Ball Check | 1,000 psi       |

- Hydraulic Coupler 90 Degree without Ball Check
- 1,000 psi / 69 Bar
- For hand operated Grease Guns
- 1/8" BSPT



### PL143

#### HYDRAULIC COUPLER 360° SWIVEL



| Product Code | Description                      | Pressure Rating |
|--------------|----------------------------------|-----------------|
| PL143        | Hydraulic Coupler 360 Deg Swivel | 7,000 psi       |

- Hydraulic Coupler 360 deg, locks at any 45 deg position
- 3 Jaw with Ball Check
- 7,000 psi/483 bar
- For hand operated Grease Guns
- 1/8" BSPT

### PL144 & PL145

#### PUSH ON BUTTON HEAD COUPLERS SUIT 16 mm & 20 mm BUTTON HEADS

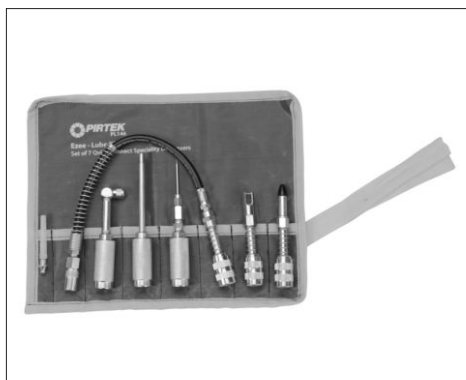


| Product Code | Description                       | Pressure Rating |
|--------------|-----------------------------------|-----------------|
| PL144        | Push On 16 mm Button Head Coupler | 6,000 psi       |
| PL145        | Push On 22 mm Button Head Coupler | 6,000 psi       |

- Push On Button Head Coupler for 16 mm and 22 mm Button Head Fittings.
- 6,000 psi/413 Bar
- 1/8" BSPT

### PL146

#### GREASE ACCESSORY KIT QUICK CONNECT 7 PCE



| Product Code | Description                            | No. of Pieces |
|--------------|--|---------------|
| PL146        | Quick Connect Grease Gun Accessory Kit | 7             |

- 7 pc Quick Connect Grease Guns accessory Kit Including :-
- Professional Recessed Lube Adaptor - 1000 PSI W.P
- Grease Injector Needle s/s 38 mm long - 1000 PSI W.P
- Professional 90 deg Angle Lube Adaptor - 1000 PSI W.P
- Professional Narrow Needle Nose Adaptor - 1000 PSI W.P
- Jaw Type Coupler to Seal Off Dispenser - 1000 PSI W.P
- Regular Coupler to Right Angled Coupler - 1000 PSI W.P
- Quick Connect Hose - 3500 PSI W.P

# LUBE EQUIPMENT

## GREASE GUN ACCESSORIES



### PL150 - PL155

#### GREASE GUN HOSES

#### STANDARD & HIGH PRESSURE



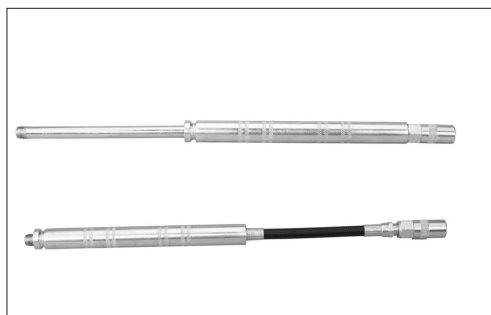
| Product Code | Standard Pressure<br>(Hand Operated Guns)<br>240 Bar / 3,500 psi WP (11,600 psi BP) |     |     | High Pressure<br>(Hand and Air Operated Guns)<br>400 Bar / 5,800 psi WP (13,775 psi BP) |     |     |
|--------------|---|-----|-----|---|-----|-----|
|              | Length mm   |     |     | Length mm   |     |     |
|              | 200   | 300 | 450 | 300   | 450 | 700 |
| PL150        | •   |     |     |   |     |     |
| PL151        |   | •   |     |   |     |     |
| PL152        |   |     | •   |   |     |     |
| PL153        |   |     |     | •   |     |     |
| PL154        |   |     |     |   | •   |     |
| PL155        |   |     |     |   |     | •   |

- High Pressure hoses are ideal for cold weather use
- All threads are 1/8" BSPT
- Standard Pressure Hose (OD = 8.5 mm, ID = 3.6 mm)
- High Pressure Hose (OD = 10.8 mm, ID = 4.1 mm)

### PL157

#### GREASE GUN EXTENSION

#### FLEXIBLE / RIGID COMBO



| Product Code | Description                           | Pressure Rating |
|--------------|---------------------------------------|-----------------|
| PL157        | Flexible / Rigid Grease Gun Extension | 5,000 psi       |

- 5000 psi / 345 Bar
- Converts Rigid Extn. To Flex. & vice versa
- Extends to 330 mm overall length

### PL158

#### GREASE GUN EXTENSIONS

#### BENT / STRAIGHT 2 PIECE PACK



| Product Code | Description   | Pressure Rating |
|--------------|---|-----------------|
| PL158        | Combo Straight and Bent Grease Gun Rigid Extensions | 6,000 psi       |

- Combo Pack
- Includes one 150 mm Bent Steel Extn. & one 100 mm Straight Steel Extn.
- Threaded 1/8" BSPT
- 6000 psi / 413 Bar



### PL159

#### GREASE GUN EXTENSION IN LINE SWIVEL JOINT



| Product Code | Description                        | Threads                      |
|--------------|------------------------------------|------------------------------|
| PL159        | Grease Gun Extension Inline Swivel | 1/8" BSPT Male x 1/8" Female |

- Grease Gun Extension Swivel
- 1/8" BSPT Male x 1/8" BSPT Female
- 3000 psi / 240 Bar
- All steel construction

### PL160

#### GREASE GUN HOLDER SUITS 450 GRAM MANUAL GUNS



| Product Code | Description              | To Suit                      |
|--------------|--------------------------|------------------------------|
| PL160        | Manual Grease Gun Holder | Suits 450 gram capacity guns |

- Grease Gun Holder for 450 gram grease gun.
- Simple snap action clamp for safe storage of grease guns
- Steel construction, zinc plated finish

### PL161

#### GREASE GUN HOLDER SUITS HIGH VIBRATION LOCATIONS

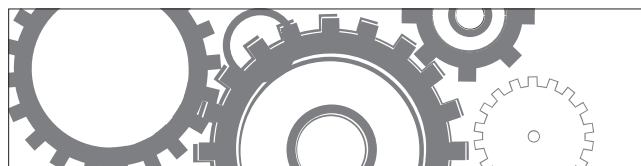


| Product Code | Description                         | To Suit                              |
|--------------|-------------------------------------|--------------------------------------|
| PL161        | Heavy Duty Manual Grease Gun Holder | Suits 400 and 450 gram capacity guns |

- Heavy Duty Grease Gun Holder for high vibration environment
- Works with both 400 gm capacity Grease Guns as well as 450 gram capacity Grease Guns
- All Steel construction with a 4 bolt design for easy & secure mounting

# LUBE EQUIPMENT

## GREASE GUN ACCESSORIES



### PL162

#### LED LIGHT ATTACHMENT FOR GREASE GUNS



| Product Code | Description          | Includes                 |
|--------------|----------------------|--------------------------|
| PL162        | LED Grease Gun Light | Batteries, Mounting Clip |

- LED Grease Gun Light
- Complete with batteries
- Includes mounting clamp that fits on Grease Gun Steel extension as well as flex hoses

### PL163

#### BULK LOADER / FILLER NIPPLE (SPARE PART)



| Product Code | Description                 | Note       |
|--------------|-----------------------------|------------|
| PL163        | Bulk Loader / Filler Nipple | Spare Part |

- Bulk Loader / Filler Nipple (Spare)
- (Spare part for Cartridge Grease Gun)
- 0.9mm diameter
- 1/8" BSPT

### PL164

#### AIR RELEASE VALVE (SPARE PART)



| Product Code | Description       | Note       |
|--------------|-------------------|------------|
| PL164        | Air Release Valve | Spare Part |

- Air Release Valve (Spare)
- (Spare part for Cartridge Grease Gun)
- Vents air pockets in grease guns efficiently
- 1/8" BSPT





## PL170 - PL178

### GREASE NIPPLES



- Head profile as per SAE J534 and DIN 71412 for Metric Fittings
- Heat treated Grease End & spring on ball check types
- Zinc plating exceeds ASTM B117
- Super strong rolled threads
- Salt Spray Tested
- Tested for operating, opening & back pressure

| Product Code      | Description                    | BSPT |         |         | NPT     |         |     | UNF |     |     | SAE     |         |     | Metric |       |     |
|-------------------|--------------------------------|------|---------|---------|---------|---------|-----|-----|-----|-----|---------|---------|-----|--------|-------|-----|
|                   |                                | Str. | 45°     | 90°     | Str.    | 45°     | 90° | STR | 45° | 90° | STR     | 45°     | 90° | Str.   | 45°   | 90° |
| PLGN1-1/8-28      | GREASE NIPPLE 1/8 BSPT         | 1/8  |         |         |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN4-1/8-28      | GREASE NIPPLE 45° 1/8 BSPT     |      | 1/8     |         |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN9-1/8-28      | GREASE NIPPLE 90° 1/8 BSPT     |      |         | 1/8     |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN1-1/4-19      | GREASE NIPPLE 1/4 BSPT         | 1/4  |         |         |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN1-1/4-28UNF   | GREASE NIPPLE 1/4 UNF          |      |         |         |         |         |     | 1/4 |     |     |         |         |     |        |       |     |
| PLGN1-6X1         | GREASE NIPPLE 6X1 METRIC       |      |         |         |         |         |     |     |     |     |         |         |     | M6     |       |     |
| PLGN1-8X1         | GREASE NIPPLE 8X1 METRIC       |      |         |         |         |         |     |     |     |     |         |         |     | M8     |       |     |
| PLGN1-1/8-27      | GREASE NIPPLE 1/8 NPT          |      |         |         | 1/8     |         |     |     |     |     |         |         |     |        |       |     |
| PLGN1-1/4-18      | GREASE NIPPLE 1/4 NPT          |      |         |         | 1/4     |         |     |     |     |     |         |         |     |        |       |     |
| PLGN4-1/4-19      | GREASE NIPPLE 45° 1/4 BSPT     |      | 1/4"-19 |         |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN9-1/4-19      | GREASE NIPPLE 90° 1/4 BSPT     |      |         | 1/4"-19 |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN4-1/8-27      | GREASE NIPPLE 45° 1/8 NPT      |      |         |         | 1/8"-27 |         |     |     |     |     |         |         |     |        |       |     |
| PLGN4-1/4-18      | GREASE NIPPLE 45° 1/4 NPT      |      |         |         | 1/4"-18 |         |     |     |     |     |         |         |     |        |       |     |
| PLGN9-1/8-27      | GREASE NIPPLE 90° 1/8 NPT      |      |         |         |         | 1/8"-27 |     |     |     |     |         |         |     |        |       |     |
| PLGN9-1/4-18      | GREASE NIPPLE 90° 1/4 NPT      |      |         |         |         | 1/4"-18 |     |     |     |     |         |         |     |        |       |     |
| PLGN1-1/4-28SAE   | GREASE NIPPLE 1/4 SAE          |      |         |         |         |         |     |     |     |     | 1/4"-28 |         |     |        |       |     |
| PLGN4-1/4-28SAE   | GREASE NIPPLE 45° 1/4 SAE      |      |         |         |         |         |     |     |     |     | 1/4"-28 |         |     |        |       |     |
| PLGN9-1/4-28SAE   | GREASE NIPPLE 90° 1/4 SAE      |      |         |         |         |         |     |     |     |     |         | 1/4"-28 |     |        |       |     |
| PLGN1-10X1        | GREASE NIPPLE 10X1 METRIC      |      |         |         |         |         |     |     |     |     |         |         |     | M10x1  |       |     |
| PLGN9-6X1         | GREASE NIPPLE 90° 6X1 METRIC   |      |         |         |         |         |     |     |     |     |         |         |     |        | M6x1  |     |
| PLGN9-8X1         | GREASE NIPPLE 90° 8X1 METRIC   |      |         |         |         |         |     |     |     |     |         |         |     |        | M8x1  |     |
| PLGN9-10X1        | GREASE NIPPLE 90° 10X1 METRIC  |      |         |         |         |         |     |     |     |     |         |         |     |        | M10x1 |     |
| Stainless Steel   |                                | BSPT |         |         | NPT     |         |     | UNF |     |     | SAE     |         |     | METRIC |       |     |
|                   |                                | STR  | 45°     | 90°     | STR     | 45°     | 90° | STR | 45° | 90° | STR     | 45°     | 90° | STR    | 45°   | 90° |
| PLGN1SS-1/8-28    | GREASE NIPPLE S/S 1/8 BSPT     | 1/8" |         |         |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN9SS-1/8-28    | GREASE NIPPLE S/S 90° 1/8 BSPT |      |         | 1/8"    |         |         |     |     |     |     |         |         |     |        |       |     |
| PLGN4SS-1/8-27    | GREASE NIPPLE S/S 45° 1/8 NPT  |      |         |         | 1/8"-27 |         |     |     |     |     |         |         |     |        |       |     |
| PLGN9SS-1/8-27    | GREASE NIPPLE S/S 90° 1/8 NPT  |      |         |         |         | 1/8"-27 |     |     |     |     |         |         |     |        |       |     |
| PLGN1SS-1/4-28SAE | GREASE NIPPLE S/S 1/4 SAE      |      |         |         |         |         |     |     |     |     | 1/4"-28 |         |     |        |       |     |
| PLGN4SS-1/4-28SAE | GREASE NIPPLE S/S 45° 1/4 SAE  |      |         |         |         |         |     |     |     |     | 1/4"-28 |         |     |        |       |     |
| PLGN9SS-1/4-28SAE | GREASE NIPPLE S/S 90° 1/4 SAE  |      |         | 1/8"    |         |         |     |     |     |     |         | 1/4"-28 |     |        |       |     |

# LUBE EQUIPMENT

## GREASE FITTINGS



### PL180 - PL185

#### GREASE NIPPLE ASSORTMENT - KITS



| Product Code | Description                        | No. of Pieces |
|--------------|------------------------------------|---------------|
| PL180        | BSPT Assortment                    | 50            |
| PL182        | Metric Assortment                  | 80            |
| PL184        | SAE / NPT Assortment               | 80            |
| PL185        | St'less Steel SAE / NPT Assortment | 40            |

##### BSPT Kits

(PL180)

1/8"-28 20 Straight  
1/8"-28 5 45°  
1/8"-28 5 90°  
1/4"-19 10 Straight  
1/4"-19 5 45°  
1/4"-19 5 90°

##### Metric Kits

(PL182)

M6x1 20 Straight  
M6x1 10 90°  
M8x1 15 Straight  
M8x1 10 90°  
M10x1 15 Straight  
M10x1 10 90°

##### SAE / NPT Kits

(PL184)

NPT 1/8"-27 25 Straight  
NPT 1/8"-27 10 45°  
NPT 1/8"-27 10 90°  
SAE 1/4"-28 15 Straight  
SAE 1/4"-28 10 45°  
SAE 1/4"-28 10 90°

##### St'less Steel SAE / NPT Kits

(PL185) Grade 303 s/steel

NPT 1/8"-27 10 Straight  
NPT 1/8"-27 5 45°  
NPT 1/8"-27 5 90°  
SAE 1/4"-28 10 Straight  
SAE 1/4"-28 5 45°  
SAE 1/4"-28 5 90°

### PL190 & PL191

#### GREASE NIPPLE EASY OUT TOOL



| Product Code | Description                          | Size  |
|--------------|--------------------------------------|-------|
| PL190        | Grease Fitting Easy Out Tool 1/8"-27 | Small |
| PL191        | Grease Fitting Easy Out Tool 1/4"-28 | Large |

- PL190 - Small type hex size 5/16" & 3/8" (9mm)
- PL191 - Large type hex size 3/8" (9mm) & 7/16" (11mm)



### PL192

#### GREASE FITTING UNBLOCKER



| Product Code | Description              | Note              |
|--------------|--------------------------|-------------------|
| PL192        | Grease Fitting Unblocker | Ideal for Toolbox |

- Opens clogged grease fittings and loosens hardened grease joints
- Excellent for maintaining and protecting bearings, control arms, joints, king pins, etc.
- Tool has an all steel construction & is designed to be tapped with a hammer to force a light viscosity oil through the tool into the coupler & finally into the grease joint, breaking up and removing dirt and debris
- Built-In Hand Guard for added safety in use
- Flexible hose attachment reaches fittings in difficult areas
- Comes complete with grease coupler for connection onto the grease fitting and 2 spare seals for replacing the piston seals as they wear out

### PL193

#### GREASE FITTING CAPS

#### AVAILABLE IN 3 COLOURS

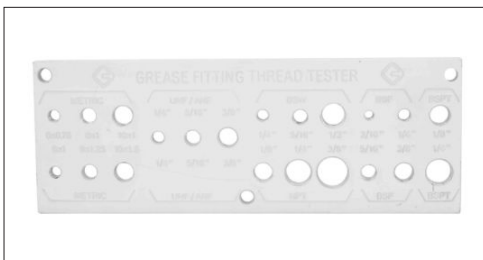


| Product Code | Description               | Pack Size |
|--------------|---------------------------|-----------|
| PL193R       | Red Grease Fitting Cap    | 50        |
| PL193Y       | Yellow Grease Fitting Cap | 50        |
| PL193B       | Black Grease Fitting Cap  | 50        |

- Plastic Caps for Grease fittings are an easy way to keep contaminants out.
- These additionally help in colour coding the greasing points based on frequency of greasing or type of grease
- Designed with an inbuilt collar, these are most convenient in use & fit directly onto the greasing end of the fitting
- Made from a special plastic, these adjust to minor variations in fitting head diameter, as well as variations in temperature & practically fit all standard fittings designed for use with jaw type couplers
- Available in Black, Yellow and Red as standard with other colours that can be custom manufactured
- Sold in packs of 50

### PL194

#### GREASE FITTING THREAD TESTER



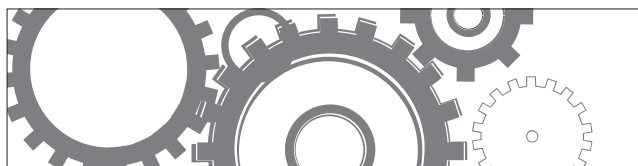
| Product Code | Description                  | Note              |
|--------------|------------------------------|-------------------|
| PL194        | Grease Fitting Thread Tester | Ideal for Toolbox |

- Great tool box accessory to sort out mixed fittings
- Aluminium construction with mounting holes
- Dimensions: 75mm x 207 mm
- Checks the tabulated 21 popular thread sizes

|         |        |           |       |      |
|---------|--------|-----------|-------|------|
| NPT     | 1/8"   | 1/4"      | 3/8"  |      |
| Metric  | M6 X 1 | M6 X 0.75 |       |      |
| Metric  | M8x1   | M8x1.25   |       |      |
| Metric  | M10x1  | M10x1.5   |       |      |
| BSPT    | 1/8"   | 1/4"      |       |      |
| UNF/ANF | 1/4"   | 5/16"     | 3/8"  |      |
| BSW     | 1/4"   | 5/16"     | 1/2"  | 3/8" |
| BSF     | 3/16"  | 1/4"      | 5/16" |      |

# LUBE EQUIPMENT

## BULK GREASE EQUIPMENT



### PL300

#### 20 KG GREASE GUN LOADER PUMP



| Product Code | Description                  | Dimensions               |
|--------------|------------------------------|--------------------------|
| PL300        | 20 kg Grease Gun Loader Pump | Suits 310 mm Drum Covers |

- Easy to use Grease filling solution to load bulk or combination grease guns from bulk grease pails
- Delivers 28 grams per stroke
- No mess or waste. Full economy in buying bulk grease
- Complete unit includes zinc plated pump with zinc die cast pump head and cast aluminium adjusting flange, drum cover follower plate & female loader fitting
- Brass piston rings mounted on zinc die cast piston for minimal wear
- Includes follower plate with rubber lining for use with tapered drums

#### RECOMMENDED USE

For Light & self Collapsing Grease up to and including NLGI 2

### PL305

#### FOOT OPERATED GREASE PUMP



| Product Code | Description      | Stroke Capacity    |
|--------------|------------------|--------------------|
| PL305        | 10 kg Grease Kit | 2 grams per stroke |

- High Pressure Portable Grease Pump for quick effortless greasing in everyday lubrication such as greasing of excavators & other earth moving equipment, agricultural equipment, automotive etc.
- Hands free operation; pump operates using the Foot Lever, which greatly reduces effort & allows high pressure greasing with highest comfort
- Can be operated by hand when under low machinery
- Economical, pump is operated by a single person & uses low cost bulk grease
- Designed with all moving parts submerged in the same grease which needs to be pumped, thereby staying lubricated at all times
- Moving parts create wave action in grease, auto removing air pockets & eliminating the use of a Follower plate
- Pump delivers over 2 gms of grease per stroke & develops 8,700 psi (600 bar)
- Supplied with 2 metres of 1/4" hose
- Works with NLGI 1, 2 & 3 Greases

### PL310 & PL312

#### AIR OPERATED 50:1 RATIO GREASE PUMP (PUMP ONLY)

#### SUIT 180 KG & 20 KG DRUMS



| Product Code | Description                         | To Suit            |
|--------------|-------------------------------------|--------------------|
| PL310        | 50:1 Ratio Air Assisted Grease Pump | Suits 180 kg Drums |
| PL312        | 50:1 Ratio Air Assisted Grease Pump | Suits 20 kg Drums  |

- Suitable for use with 180 kg and 20 kg drums (PUMP ONLY)
- Air Inlet 1/4" (Female), Pump Outlet 1/4" (Female) BSPT
- Working Pressure 30 - 150 psi.
- World-class Industrial High Pressure Grease pump with guaranteed performance & hassle free operation
- Pump dispenses Grease at pressures up to 50 times the Air inlet pressure
- Designed to work in tough conditions
- Ideal for use in Industry, workshop, farm, construction or as part of the Mobile Grease system
- All metal construction, fully CNC machined with hardened wear resistant moving parts
- Reciprocating piston operated 2.5" (63 mm) dia. Air Motor
- Fitted with strainer at suction tube inlet for clean grease to the bearing
- Flow - 1.1Kg per minute free flow (dependant on grease properties & temperature)
- Maximum pressure at air inlet 2-10 bar (30-150 psi)



This page is part of a complete catalogue containing technical and safety data.

All data must be reviewed when selecting a product.

Pirtek reserve the right to change technical specifications without notice.



### PL311

AIR OPERATED 50:1 GREASE RATIO PUMP (COMPLETE KIT)  
SUITS 180 KG DRUMS



| Product Code | Description                         | To Suit            |
|--------------|-------------------------------------|--------------------|
| PL311        | 50:1 Ratio Air Assisted Grease Pump | Suits 180 kg Drums |

- Suitable for use with 180 kg drums
- Air Inlet 1/4" (Female), Pump Outlet 1/4" (Female) BSPT
- Working Pressure 30 - 150 psi.
- World-class Industrial High Pressure Grease pump with guaranteed performance & hassle free operation
- Pump dispenses Grease at pressures up to 50 times the Air inlet pressure
- Designed to work in tough conditions
- Ideal for use in Industry, workshop, farm, construction or as part of the Mobile Grease system
- All metal construction, fully CNC machined with hardened wear resistant moving parts
- Reciprocating piston operated 2.5" (63 mm) dia. Air Motor
- Fitted with strainer at suction tube inlet for clean grease to the bearing
- Complete with 2 mtr of 1/4" of high pressure hose, Z Swivel, control valve, 24-1/2" drum cover & follower plate
- Delivers 1.1 kg per minute Free Flow - (Dependant on grease properties and temperature)
- Maximum air inlet pressure 2-10 bar (30-150 psi)

### PL315

AIR OPERATED 50:1 GREASE RATIO PUMP  
MOBILE 30 KG GREASE KIT



| Product Code | Intended Use                         | Discharge Rate     |
|--------------|--------------------------------------|--------------------|
| PL315        | Air Operated 30 kg Mobile Grease Kit | 1.1 kgs per minute |

- World-class Industrial High Pressure Grease pump with guaranteed performance & hassle free operation
- Pump dispenses grease at pressures up to 50 times the Air inlet pressure.
- Designed to work in tough conditions - ideal for use in Industry, workshop, farm, construction or as part of a Mobile Grease system
- All metal construction, fully CNC machined with hardened wear resistant moving parts
- Reciprocating piston operated 2.5" (63 mm) dia. Air Motor
- Fitted with strainer at suction tube inlet for clean grease to the bearing
- Supplied complete with built-in Steel Drum, wheels & pull handle, Drum Cover, rubber lined Follower Plate, 2 meters of high pressure 1/4" Grease Hose, Z swivel & professional Grease Control Valve
- Maximum air inlet pressure 2-10 bar (30-150 psi)

### PL320 & PL321

FOLLOWER PLATES  
SUIT 20 KG / 180 KG DRUMS

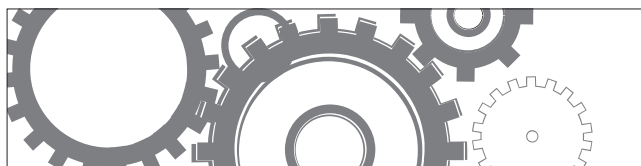


| Product Code | Intended Use               | Dimensions                 |
|--------------|----------------------------|----------------------------|
| PL320        | 20 kg Drum Follower Plate  | 288 mm OD, 29.5 mm Grommet |
| PL321        | 180 kg Drum Follower Plate | 602 mm OD, 29.5 mm Grommet |

- Rubber Lined Follower Plate

# LUBE EQUIPMENT

## BULK GREASE EQUIPMENT



### PL322 & PL324

#### DRUM COVERS

#### SUIT 20 KG / 180 KG DRUMS

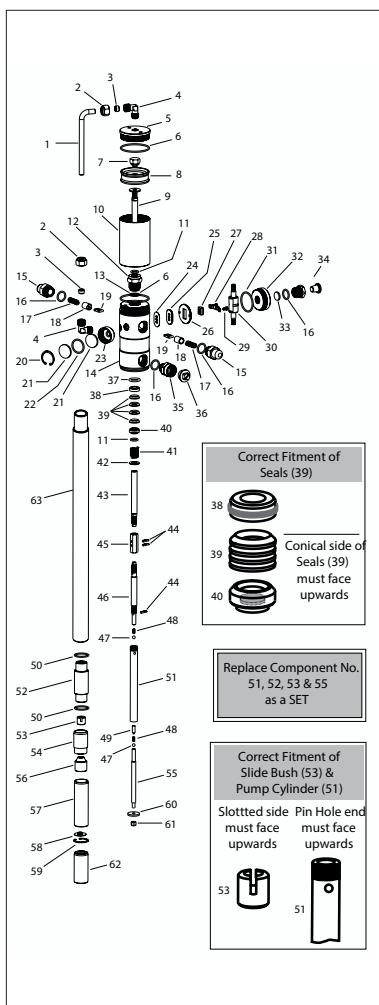


| Product Code | Intended Use      | Description         |
|--------------|-------------------|---------------------|
| PL322        | 20 kg Drum Cover  | Drum Cover Complete |
| PL324        | 180 kg Drum Cover | Drum Cover Complete |

### PL325 & PL326

#### REPAIR KITS \*

#### AIR MOTOR AND PUMP CHAMBER KITS

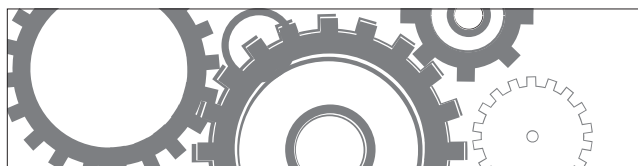


| Product Code | Intended Use                               | Drum Capacity |
|--------------|--|---------------|
| PL325        | Air Motor Kit To Suit PL310/PL311 Pumps    | 180 kg Drums  |
| PL326        | Pump Chamber Kit To Suit PL310/PL311 Pumps | 180 kg Drums  |

| KIT PART NO. | KIT DESCRIPTION     | CONSTITUENT PART NO. | PART DESCRIPTION   | REFERENCE NO. FROM PARTS DRAWING | QTY. PER KIT |
|--------------|---------------------|----------------------|--------------------|----------------------------------|--------------|
| PL325        | DRIVE SECTION KIT   | SR/B/RP              | Sealing Ring       | 3                                | 2            |
|              |                     | BEND/90/RP           | Bend               | 4                                | 2            |
|              |                     | ORG/BS141            | O Ring             | 6                                | 2            |
|              |                     | ORG/BS614            | O Ring             | 11                               | 2            |
|              |                     | ORG/BS617            | O Ring             | 16                               | 4            |
|              |                     | ORG/BS121            | O Ring             | 22                               | 1            |
|              |                     | SEL/P/RP             | Paper Seal         | 24                               | 1            |
|              |                     | SET/RP               | Seat               | 25                               | 1            |
|              |                     | SLD/NY/RP            | Nylon Slider       | 27                               | 1            |
|              |                     | CLP/RP               | Clip               | 28                               | 1            |
|              |                     | SCR/M4/RP            | Self Tapping Screw | 29                               | 2            |
|              |                     | ORG/BS129            | O Ring             | 31                               | 1            |
|              |                     | ORG/BS614            | O Ring             | 37                               | 1            |
|              |                     | GUD/SEL/RP           | Slider Guide       | 38                               | 1            |
|              |                     | SEAL/RP              | Seal               | 39                               | 4            |
| PL326        | PUMPING SECTION KIT | SU/SEL/RP            | Seal Support       | 40                               | 1            |
|              |                     | ROD/CNR/S/RP         | Connecting Rod     | 43                               | 1            |
|              |                     | SSP/3/0.6/15.3       | Slotted Spring Pin | 44                               | 3            |
|              |                     | SB/7-32              | Steel Ball (7/32") | 47                               | 2            |
|              |                     | SPR/NR/RP-G          | Non Return Spring  | 48                               | 2            |
|              |                     | VLV/RP-G             | Valve              | 49                               | 1            |
|              |                     | ORG/BS812            | O Ring             | 50                               | 2            |
|              |                     | CYL/RP-G             | Pump Cylinder      | 51                               | 1            |
|              |                     | CPL/TOP/RP-G         | Top Coupler        | 52                               | 1            |
|              |                     | BSH/SLD/RP-G         | Slide Bush         | 53                               | 1            |
|              |                     | ROD/PST/RP-G         | Piston Rod         | 55                               | 1            |
|              |                     | BSH/RP-G             | Guide Bush         | 56                               | 1            |
|              |                     | WSR/PST/RP-G         | Piston Washer      | 60                               | 1            |
|              |                     | NN/M6/RP-G           | Nyloc Nut          | 61                               | 1            |
|              |                     | IC/FLT/RP-G          | Filter Cap         | 62                               | 1            |

\* REFER TO THE INDIVIDUAL INSTALATION, OPERATION & MAINTENANCE MANUALS





### PL330

#### GREASE CONTROL VALVE



| Product Code | Contains                                | Inlet                         |
|--------------|---|-------------------------------|
| PL330        | Control Valve with 150mm bent extension | 1/4" BSPT Female Inlet Thread |

- Premium quality grease control valve for use with air operated grease pumps
- Provides continuous grease flow with trigger fully pressed
- Steel construction for durability & longevity
- Ergonomically designed pistol handle
- Comes complete with 6" steel extension & heavy duty coupler
- Available as valve only
- Suited to underground coal mining (all steel construction)
- 7500 psi / 517 Bar
- Can be fitted with Z-Swivel (Refer PL340)

### PL331

#### BOOSTER GREASE CONTROL VALVE



| Product Code | Contains                                | Inlet                         |
|--------------|---|-------------------------------|
| PL331        | Control Valve with 150mm bent extension | 1/4" BSPT Female Inlet Thread |

- Heavy Duty Grease control valve with built-in pressure boost mechanism.
- Provides continuous flow with pistol handle fully pressed
- Pressure boost achieved through repeated actuation of the pistol handle. Boosts line pressure from 6,000 PSI (400 BAR) to 10,000 PSI (690 BAR); extremely useful to unblock frozen grease fittings
- Heavy Duty steel construction, provides durability & longevity
- Ergonomically designed pistol handle
- Available as valve only
- Comes complete with 6" (150 mm) steel extension & coupler
- Suited to underground coal mining (all steel construction)
- Can be fitted with Z-Swivel (Refer PL340)

### PL332

#### GREASE CONTROL VALVE INTEGRATED DIGITAL METER



| Product Code | Description                       | Inlet                         |
|--------------|-----------------------------------|-------------------------------|
| PL332        | Grease Control Valve - Electronic | 1/4" BSPT Female Inlet Thread |

- Premium quality Grease Control valve, for use with air operated grease pumps
- Built-In High Accuracy Digital Grease Meter for dispensing exact amount of grease
- Ability to measure amount of grease dispensed prevents both over & under lubrication & is invaluable in saving bearing failures
- Provides continuous grease flow, with trigger fully pressed
- Steel construction, provides durability & longevity. Meter uses oval gear technology
- Ergonomically designed pistol handle
- Comes complete with 6" (150mm) steel extension & heavy duty coupler
- Max pressure 8,000 psi / 550 Bar
- Unit of measure = Kgs
- Batteries included

### PL340

#### GREASE 'Z' SWIVEL

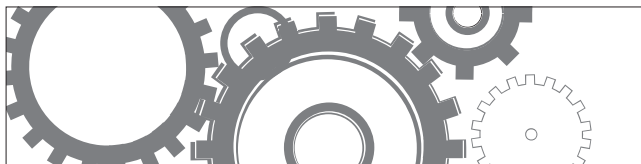


| Product Code | Contains              | Threads                         |
|--------------|-----------------------|---------------------------------|
| PL340        | 10,000 psi 'Z' Swivel | 1/4" BSPT Male / Female Threads |

- Installed between the delivery hose & grease control valve, swivels permit easy handling of control valves and prevent damage to hose caused by twisting
- Swivels have a heavy duty steel construction with ball bearings for smooth operation and free unrestricted movement
- The swiveling joints are hardened for durability & wear resistance

# LUBE EQUIPMENT

## GREASE ACCESSORIES



### PL341

#### HYDRAULIC COUPLER

#### 3 JAW COUPLER FOR GREASE CONTROL VALVES



| Product Code | Description                   | Pressure Rating     |
|--------------|-------------------------------|---------------------|
| PL341        | 3 Jaw Coupler with Ball Check | 7,500 psi / 517 Bar |

- Recommended for use with grease control valves
- Hardened coupler body & all internal parts withstand high dynamic pressures without deformation
- Fully hardened reversible spring steel jaws for extended service life
- Hexagonal nut for easy tightening
- 100% pressure tested
- 1/8" BSPT (female)





### PL400

#### LEVER ACTION DRUM PUMP TO FIT 20 - 205 LITRE DRUMS



| Product Code | Description                           | Capacity          |
|--------------|---------------------------------------|-------------------|
| PL400        | Lever Action Drum Pump with NBR seals | 300 ml per stroke |

- Most popular pump design, engineered for professional use
- Powder coated steel pump body with ribbed section aluminum die cast pump head for maximum strength
- Built-in 1.1/2" & 2" bung for use on drums with either openings
- Plated steel lever handle with rubber grip for convenience
- Wear resistant Brass piston rings fitted onto zinc die cast piston
- Comes complete with curved metal spout & telescopic suction tube for use on 50 litre – 205 litre barrels
- Suited to oil based fluids, heating oils, motor oils, heavy and light oils, kerosene and diesel
- Not suited for water based fluids, solvents, acids, anti-freeze, or petrol

### PL401

#### CLEAR TUBE LEVER ACTION DRUM PUMP TO FIT 20 - 205 LITRE DRUMS



| Product Code | Description                       | Capacity          |
|--------------|-----------------------------------|-------------------|
| PL401        | Clear Tube Lever Action Drum Pump | 300 ml per stroke |

- Professional Barrel pump for pumping all types of oils
- Tough & Impact Resistant Polycarbonate tube with die cast aluminum adaptors
- Ribbed section Aluminum Die Cast pump head for maximum strength
- Nitrile Rubber Piston rings for smooth operation
- Built-in 1-1/2" & 2" bung for use on drums with either opening
- Delivers 300 ml (10 oz.) per stroke
- Comes complete with curved metal spout & telescopic suction tube for use on 50 litre – 205 litre barrels
- Suited to oil based fluids, heating oils, motor oils, heavy and light oils, kerosene and diesel
- Not suited for water based fluids, solvents, acids, anti-freeze, or petrol
- Transparent barrel facilitates monitoring of lubricant cleanliness

### PL402

#### PROFESSIONAL ROTARY DRUM PUMP TO FIT 20 - 205 LITRE DRUMS

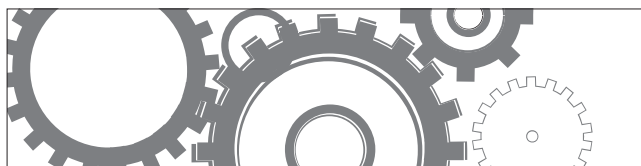


| Product Code | Description                   | Capacity        |
|--------------|-------------------------------|-----------------|
| PL402        | Professional Rotary Drum Pump | 250 ml per turn |

- Most popularly used pump worldwide.
- The Pirtek version of the Rotary Pump is superior to any other with features such as Dual Directional Operation which allows the pump to both empty, as well as refill containers
- Extremely Heavy Duty & rugged weighing 6.6 kgs (14.5 lbs)
- Pump body is sturdy cast iron with precisely machined cast iron vanes for better draw & smoother delivery
- Pump seals are made from Viton
- Fits 50 litre to 205 litre barrels
- 1" threaded inlet at base of pump housing
- Comes complete with suction tube, 2" cast iron bung nut & discharge spout
- NOTE: Add 30 ml of the fluid to be pumped into the pump outlet to assist priming when transferring low viscosity fluids such as kerosene or diesel

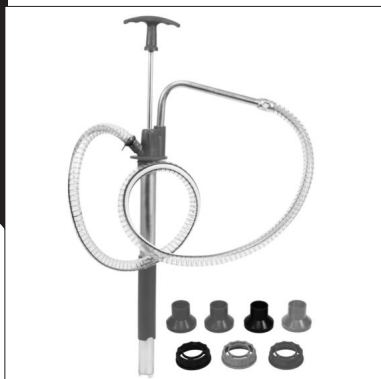
# LUBE EQUIPMENT

## MANUAL OIL PUMPS AND GUNS



### PL404

#### EZEE FLOW DOWNSTROKE PUMP FOR 20 LITRE DRUMS



| Product Code | Description               | Capacity                                |
|--------------|---------------------------|---|
| PL404        | Ezee Flow Downstroke Pump | 18 strokes per litre (56 ml per stroke) |

- Versatile pump, engineered for trouble free use on 5 gallon / 20-25 litre containers with plastic pull out (Rieke® spout) or 2" external threads
- Downstroke operation with fluid discharge when pushing the handle down. Enhanced ease of use & reduced fatigue especially when pumping heavy fluids. It additionally reduces pull out stress on the pump bung
- Heavy duty steel suction tube, with the pump head made from high density polyethylene. Pump head incorporates nozzle holder & option to drain back over flown fluid into the container
- Interchangeable bung adaptors. The standard bung adaptors can be slid over the pump, when using on containers with external threading. Alternatively, when using the pump on pails with plastic pull out Rieke® spout, the other bung adaptor for Rieke® spout can be used. Choice of 7 adaptors makes the pump good for use with most metal & plastic containers
- Pump length can be extended by over 100 mm for use on extra depth containers, by conveniently sliding the suction tube extender
- Supplied complete with rigid steel discharge spout & 1200 mm long spring reinforced non kinking discharge hose fitted with non drip spout

### PL410, PL411 & PL412

#### MANUAL OIL SUCTION GUNS STEEL OR POLYCARBONATE BARREL



| Product Code | Description                         | Capacity |
|--------------|-------------------------------------|----------|
| PL410        | Manual Oil Suction Gun Black Barrel | 500 ml   |
| PL411        | Manual Oil Suction Gun Clear Barrel | 500 ml   |
| PL412        | Manual Transfer Gun - 2 vinyl tubes | 350 ml   |

- Rugged transfer guns designed for use with gear oils to get them both into and out of gear boxes, transfer cases and differentials
  - Deluxe lip seal provides maximum suction
  - Steel Barrel in premium powder coated finish (**PL410 & PL412**)
  - Clear polycarbonate barrel for oil condition monitoring (**PL411**)
  - Aluminium Die cast Head
  - Fully serviceable
  - Needs no priming
  - Suitable for use with non corrosive liquids
- SUCTION GUNS
- Supplied with 300 mm of clear vinyl suction tube
- TRANSFER GUN
- Supplied with 1200 mm of clear vinyl tube for each valve

### PL414

#### MANUAL OIL LEVER GUN



| Product Code | Description          | Capacity            |
|--------------|----------------------|---------------------|
| PL414        | Manual Oil Lever Gun | 500 ml - 10,000 psi |

- Heavy Duty Oil Gun handles flowable greases & light oils without leakage
- High Quality Steel Barrel with fully machined seam for leak proof operation
- Grease Gun Follower designed for use with both Oils & Grease & works with 14 oz. (400 gm) Grease cartridge or 500 cc Bulk without the need to flip the follower
- Develops up to 10,000 psi / 690 bar
- Variable stroke feature built in for use in confined areas
- High Tolerance Aluminum Die Cast Gun Head
- Complete with a 150 mm steel extension & professional 4 jaw coupler with ball check



### PL417

#### PREMIUM OIL SPIGOT/DISPENSER



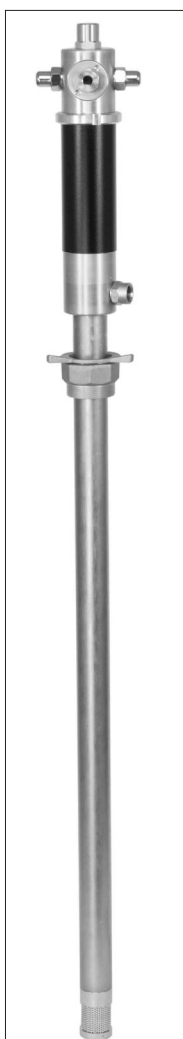
| Product Code | Description                                     | Thread          |
|--------------|---|-----------------|
| PL417        | Oil Spigot/Dispenser for Air Operated Oil Pumps | 1/2" BSP Female |

- Professional quality Oil Spigot in premium chrome plated finish
- Used to construct oil bars or direct with air operated oil pumps as a dispenser
- Spring loaded dispensing mechanism CNC machined for non-drip operation
- Nitrile Seals
- Handles up to 800 psi (55 bar)

### PL430 - PL435

#### AIR OPERATED OIL PUMPS

#### 1:1 3:1 5:1 RATIOS



| Product Code | Ratio | Description  | Flow Capacity litres / min |
|--------------|-------|--|----------------------------|
| PL430        | 1:1   | Air Operated Oil Pump Stub Version with Bung           | 42                         |
| PL431        | 1:1   | Air Operated Oil Pump complete to suit 205 litre drums | 42                         |
| PL432        | 3:1   | Air Operated Oil Pump Stub Version with Bung           | 14                         |
| PL433        | 3:1   | Air Operated Oil Pump complete to suit 205 litre drums | 14                         |
| PL434        | 5:1   | Air Operated Oil Pump Stub Version with Bung           | 18                         |
| PL435        | 5:1   | Air Operated Oil Pump complete to suit 205 litre drums | 18                         |

**NOTE:** All pumps have 1/4" BSP air inlet, 1/2" BSP Female oil outlet, 1" BSP Female Suction Tube thread

#### 1:1 Ratio Pumps

- Transfer pump, used to quickly transfer oils from large drums to smaller containers. These have a Double Acting operation with discharge up to 40 lpm (8.80 imp. gpm).
- Ideal for use with low to medium viscosity (up to SAE 80 Oils) for transferring over short distances (5 metres)
- Air Consumption: 270 lpm (59.40 imp. gpm), max air pressure 115 psi / 8 Bar

#### 3:1 Ratio Pumps

- Amongst the most popular general purpose air operated pumps worldwide
- Pumps are single acting with discharge up to 14 lpm (3.08 imp. gpm)
- Ideal for use with medium to high viscosity oils (up to SAE 130) for transferring over distances (up to 30 metres), mostly used with Trolley mounted kits
- Air Consumption: 230 lpm (50.60 imp. gpm), max air pressure 115 psi / 8 Bar

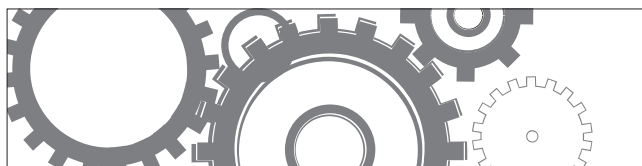
#### 5:1 Ratio Pumps

- High Pressure air operated pumps for dispensing oil at 5 times the pressure as the air inlet
- Pumps are double acting with discharge up to 18 lpm (3.96 imp. gpm)
- Ideal for use with high viscosity oils (up to SAE 240) for transferring over short & long distances (up to 50 metres), mostly used with Trolley mounted kits both with & without Hose Reels, as well as with fixed systems for centralized distribution
- Air Consumption: 250 lpm (55.0 imp. gpm), max air pressure 115 psi / 8 Bar

**NOTE:** Wall Mounting brackets and IBC mounting kits available

# LUBE EQUIPMENT

## OIL ACCESSORIES



### PL440

#### DIE CAST DRUM BUNG INTEGRATED WING NUT



| Product Code | Description        | Size                  |
|--------------|--------------------|-----------------------|
| PL440        | Die Cast Drum Bung | 42 mm Inside Diameter |

- Aluminum Die cast 2" Drum Bungs for use primarily with Air Operated Pumps
- Bungs can be adjusted anywhere on the suction tube & tightened using the Wing Nut
- Zinc Die cast Locking Nut inside holds the suction tube
- 42 mm Inside Diameter
- Standard equipment on all Pirtek Air Operated Oil Pumps

### PL444 - PL449

#### SPARE PARTS FOR PIRTEK LUBE PUMPS

*REFER TO THE  
INDIVIDUAL  
INSTALATION,  
OPERATION &  
MAINTENANCE  
MANUALS*

| Product Code | Description   |
|--------------|---|
| PL444        | Spares to Suit PL430 / PL431 1:1 Ratio Air Motor Oil Pump Kit         |
| PL445        | Spares to Suit PL430 / PL431 1:1 Ratio Air Motor Non Return Valve Kit |
| PL446        | Spares to Suit PL430 / PL431 1:1 Ratio Seal Kit                       |
| PL447        | Spares to Suit PL430 / PL431 1:1 Ratio Piston Kit                     |
| PL448        | Spares to Suit PL432 / PL433 3:1 Ratio Oil Pump Kit                   |
| PL449        | Spares to Suit PL434 / PL435 5:1 Ratio Oil Pump Kit                   |

Refer to instruction manual and/or the Pirtek Webcatalogue for list of spare parts supplied.

### PL450

#### MECHANICAL OIL METER



| Product Code | Description          | Measurement Range      |
|--------------|----------------------|------------------------|
| PL450        | Mechanical Oil Meter | 1 - 30 litres / minute |

- High pressure positive displacement meter suitable for in-line and end of line applications
- Oval gear mechanism for optimum accuracy
- High reliability Mechanical Display
- Robust Aluminum Die Cast construction with protective shroud on meter
- Accuracy  $\pm 1\%$
- Repeatability  $\pm 0.2\%$
- Measures Litres with Reset capability
- RECOMMENDED USE  
Oils with viscosity up to 2000 cSt, Diesel, Biodiesel
- DO NOT USE WITH  
Water based media, Petrol etc.
- Max pressure 1000 psi / 70 Bar
- 1/2" BSP Female
- Bottom entry, top outlet





## PL451

### ELECTRONIC IN-LINE OIL METER



| Product Code | Description                      | Features                            |
|--------------|----------------------------------|-------------------------------------|
| PL451        | Electronic Digital in-Line Meter | 1-30 litres /min at up to 70 bar WP |

- High pressure positive displacement meter suitable for in-line and end of line applications
- Oval gear mechanism for optimum accuracy
- Electronic Display using two 1.5V batteries
- Robust Aluminium Die Cast construction
- Measures in Litres, Quarts, Pints & Gallons
- Accuracy  $\pm 0.5\%$
- Repeatability  $\pm 0.3\%$
- Easy user re-calibration
- Working Pressure 70 bar Burst Pressure 140 bar
- Pressure Loss 0.7 bar
- Max. Resettable Batch Total 99,999 units
- Non-Resettable Totalisator 9,999,999 Units
- Least Count Resolution 0.001 Units
- Water Resistance IP55
- Temp. Range:  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- 1/2" BSPT inlet & outlet threads
- Bottom entry, top outlet
- Batteries included

#### RECOMMENDED USE

- Oils with viscosity up to 5000 cSt, Diesel, Biodiesel

#### DO NOT USE WITH

- Water based media, Petrol etc.
- Not approved for metering commercial sales of media

## PL460

### OIL CONTROL GUN WITH SWIVEL

#### c/w NON DRIP NOZZLE



| Product Code | Description                          | Features                           |
|--------------|--------------------------------------|------------------------------------|
| PL460        | Oil Control Gun with Swivel / Nozzle | Up to 70 litres /min and 60 bar WP |

- For use with Air Operated Oil Pumps up to 6:1 Pressure ratio
- Gun dispenses by simple press of the trigger
- Built-in safety clip can be slid over the trigger for continuous un-attended dispensing; or alternatively under the trigger to lock & prevent accidental dispensing
- Slim construction of the steel outlet spout allows the gun to be used to fill small openings
- Built-in swivel threaded at inlet for easy maneuverability
- Standard configuration includes steel outlet extension and non drip nozzle

- Temp. Range:  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- 1/2" Female BSPT Swivel Inlet
- 1/2" OD Steel Extension

#### RECOMMENDED USE

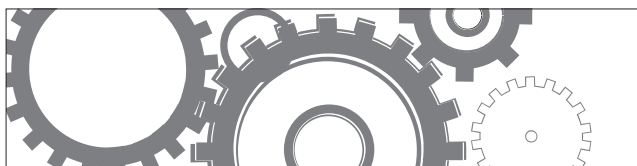
- Oil, Gear Lube, ATF

#### DO NOT USE WITH

- Water based media, Petrol etc.

# LUBE EQUIPMENT

## OIL ACCESSORIES



### PL461

#### MECHANICAL OIL CONTROL GUN WITH SWIVEL c/w NON DRIP NOZZLE



| Product Code | Description                                | Features                           |
|--------------|--|------------------------------------|
| PL461        | Mech. Oil Control Gun with Swivel / Nozzle | 0.3 to 8 litres /min and 60 bar WP |

- High accuracy light weight gun for controlling fluid deliveries in most demanding applications
- Oval gear mechanism for optimum accuracy
- Accuracy  $\pm 1\%$
- Repeatability  $\pm 0.2\%$
- Temp. Range:  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Max. Resettable Batch Total 99,999 units
- Non-Resettable Totalisator 9,999,999 Units
- Least Count Resolution 0.1 Units
- Water Resistance IP55
- High Reliability Mechanical display
- Aluminum Die cast meter body
- Gun with Impact & Weather resistant nylon construction
- Built-in safety clip can be slid over the trigger for continuous un-attended dispensing; or alternatively under the trigger to lock & prevent accidental dispensing
- Built In swivel at inlet for easy maneuverability
- Supplied complete with rigid steel tube outlet / extension and fitted with a manual non drip nozzle

**Note:** Optional flexible hose extension outlet available Code No. **PL467**

#### RECOMMENDED USE

- Oils with viscosity up to 2000 cSt, Diesel, Biodiesel

#### DO NOT USE WITH

- Water based media, Petrol etc.

### PL462

#### ELECTRONIC OIL CONTROL GUN WITH SWIVEL c/w NON DRIP NOZZLE



| Product Code | Description                                     | Features                          |
|--------------|---|-----------------------------------|
| PL462        | Electronic Oil Control Gun with Swivel / Nozzle | 1 to 30 litres /min and 60 bar WP |

- High accuracy light weight gun for controlling fluid deliveries in most demanding applications
- Oval gear mechanism for optimum accuracy
- Accuracy  $\pm 0.5\%$
- Repeatability  $\pm 0.3\%$
- Temp. Range:  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Max. Resettable Batch Total 99,999 units
- Non-Resettable Totalisator 9,999,999 Units
- Least Count Resolution 0.1 Units
- Water Resistance IP55
- Electronic Display using two 1.5V batteries
- Aluminum Die cast meter body
- Gun with Impact & Weather resistant nylon construction
- Built-in safety cum continuous Flow lever can be slid over the trigger for continuous unattended dispensing; or alternatively under the trigger to lock & prevent accidental dispensing
- Built In swivel at inlet for easy maneuverability
- Measures in Litres, Quarts, Pints & Gallons
- Easy user re calibration
- Supplied complete with rigid steel extension or hose extension, fitted with manual non drip nozzle
- Batteries included

#### RECOMMENDED USE

- Oils with viscosity up to 5000 cSt, Diesel, Biodiesel

#### DO NOT USE WITH

- Water based media, Petrol etc



## PL465

### OIL METER SWIVEL

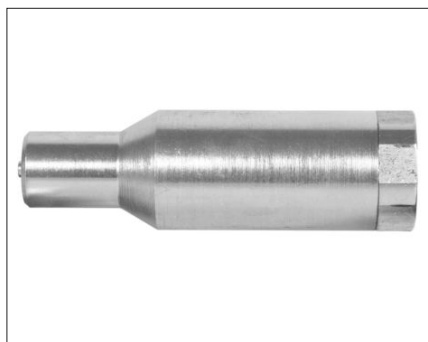


| Product Code | Description      | Threads                 |
|--------------|------------------|-------------------------|
| PL465        | Oil Meter Swivel | 1/2" BSPT Male - Female |

- Swivel Adaptor for Oil Meters / Hose End Guns
- Large 1/2" (13 mm) inner dia. for least resistance to flow
- Steel construction with bright zinc plated finish
- Threaded 1/2" BSPT (M) x 1/2" BSPT (F)
- 103 bar(1,500 psi) rating

## PL466

### AUTOMATIC NON DRIP NOZZLE



| Product Code | Description               | Threads          |
|--------------|---------------------------|------------------|
| PL466        | Automatic Non Drip Nozzle | 1/4" BSPT Female |

- Commonly used with metered oil control valves / hose end guns
- Used either with steel extensions or hoses at discharge end to cut off media supply, once filling is complete
- These have a steel construction, using NBR seals
- Automatic Non Drip Nozzle, designed with multiple check valves to achieve absolute non drip.
- The nozzle opens automatically under fluid pressure; and closes automatically with the release of pressure.
- The discharge end has a narrow section allowing the nozzle to dispense into small openings.
- Designed to minimize pressure loss
- Threaded 1/4" BSPT Female

## PL467

### 200 MM FLEXIBLE HOSE EXTENSION

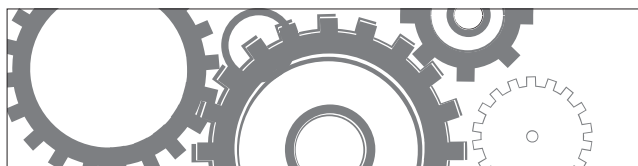


| Product Code | Intended Use                   | Threads                         |
|--------------|--------------------------------|---------------------------------|
| PL467        | 200 mm Flexible Hose Extension | 1/2" BSPT Male - 1/4" BSPT Male |

- Flexible Oil Hose Extension for use with Oil Control Guns
- Max. Working Pressure 2,320 psi (160 bar)
- Overall Length 8" (200 mm)
- Hose Inner Dia. 1/2" (12.7 mm)
- Fittings: 1/2" BSPT (M) x 1/4" BSPT (M)

# LUBE EQUIPMENT

## OIL ACCESSORIES



### PL470

#### ELECTRIC OIL PUMP



| Product Code | Description       | Flow Capacity                     |
|--------------|-------------------|-----------------------------------|
| PL470        | Electric Oil Pump | Up to 11 litres / min and 4.5 bar |

- Heavy Duty Oil pump designed specifically to transfer bulk oils, hydraulic fluid, antifreeze or antifreeze mixes
- Non corroding Aluminium Die cast pump body
- A high horsepower to flow ratio assures adequate power to pump viscous fluids at low temperatures
- Self priming, positive displacement design
- Pump has an internal bypass valve to bypass flow, if the discharge pressure exceeds the bypass valve setting
- Built-In 2" Bung Adaptor for mounting on drums/ tanks
- Air Cooled Motor with Thermal Protection
- Can be used to transfer Used oil with a screen fitted onto the Suction
- Flow: Up to 6.5 GPM (25 lpm)
- Motor: Heavy Duty 1/2 HP 220V AC, 50 Hz.
- Amp: 6 Amp
- RPM: 2800
- Construction - pump housing: Aluminum Die Cast
- Mechanism: Gear Pump
- Gear Material: Sintered Powder Metal
- Internal bypass valve: Yes
- Suction Tube: Supplied to suit 50 to 205 litre drums
- Delivery hose: 3/4" ID x 2.4 m long
- Bung Adaptor: 2" Threaded BSPT
- Inlet: 1" NPT
- Outlet: 3/4" NPT
- Dispensing Nozzle: Ball Valve
- Power Cable: 760mm (30")
- Air Cooled: Yes
- Max. Viscosity of Oil: SAE 90
- Max. Working Pressure: 65 psi (4.5 bar)
- Thermal Protection: Yes

#### RECOMMENDED USE

- Oils, Synthetic Oils, Antifreeze, Used Oil, Hydraulic Fluids, Cutting Oils, Oil based Herbicides, Non Flammable Oil Based Solvents, Liquid Soap etc.

### PL480 & PL481

#### METAL OIL CANS

#### SUPPLIED WITH BOTH RIGID AND FLEXIBLE SPOUTS



| Product Code | Intended Use               | Oil Capacity |
|--------------|----------------------------|--------------|
| PL480        | Lever Type with Brass Pump | 300 ml       |
| PL481        | Lever Type with Brass Pump | 500 ml       |

- Spout Length 125 mm (Rigid) or 150 mm (Flexible)
- All steel construction, with the body seamless drawn from tin coated sheet in premium powder coated finish
- Brass pump has 2 ball valves for large volume delivery per stroke.
- The suction valve at the bottom of pump is without spring, which prevents malfunctioning because of sticking valve due to resinous oil



### PL482

#### PLASTIC BODY OIL CAN



| Product Code | Description          | Capacity |
|--------------|----------------------|----------|
| PL482        | Plastic Body Oil Can | 215 ml   |

- Unbreakable & rust resistant Plastic body Oil Cans
- Graduations marked on the bottle in both ml & oz.
- Oil discharge is through the 'squeeze action' of the Oil can bottle.
- Comes complete with telescopic steel tube with brass nut & non drip tip
- 150 mm spout length

### PL484 & PL485

#### PLASTIC FUNNELS

#### ANTI-SPLASH & SPILL PROOF



| Product Code | Description                      | Capacity  | Major Diameter | Spout Length |
|--------------|----------------------------------|-----------|----------------|--------------|
| PL484        | Plastic Funnel                   | 1.7 litre | 205 mm         | 170 mm       |
| PL485        | Plastic Funnel with Drum Adaptor | 3 litre   | 240 mm         | 245 mm       |

- Heavy Duty Polypropylene construction
- Designed with special contours in the funnel body for easy handling
- Anti-splash and spill proof, with rim of the funnel curved in
- Complete with Wire Mesh Screen Dust Cover & flexible spout
- PL485 with drum Bung Attachment allows the funnel to be mounted direct onto drums with 2" threaded opening
- Manufactured in translucent white to give a clear view of media

### PL487, PL488 & PL489

#### PLASTIC MEASURES WITH SPOUTS

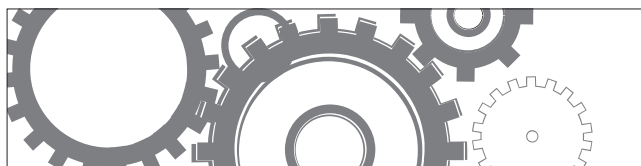


| Product Code | Description                        | Capacity |
|--------------|------------------------------------|----------|
| PL487        | Plastic Measure with Lid and Spout | 1 litre  |
| PL488        | Plastic Measure with Lid and Spout | 2 litre  |
| PL489        | Plastic Measure with Lid and Spout | 5 litre  |

- Manufactured in translucent white to give a clear view of media
- Plastic Measures have a translucent High Density Polyethylene construction & are used for transferring metered quantity of fluids
- They are marked in both litres and quarts
- Come complete with a Polyethylene flexible spout with cap and polypropylene lid
- Note: Measures are not to be used as the basis of commercial transactions

# LUBE/FUEL EQUIPMENT

## OIL ACCESSORIES - WASTE OIL COLLECTION



### PL490

#### WASTE OIL DRAIN



| Product Code | Description               | Bowl Capacity | Collection Capacity |
|--------------|---------------------------|---------------|---------------------|
| PL490        | Waste Oil Drain Collector | 10 litres     | 55 litres           |

- Tank Capacity : 68 Litre
- Bowl inner Diameter : 355 mm
- Length of draining Hose : 2 metres
- Maximum Height : 1828 mm
- Minimum Height : 1143 mm
- Recommended Draining Pressure : 0.5 bar
- Oil Drain with wheel mounted tank for gravity draining of motor, engine, gearbox & differential oils, transmission & power steering fluids etc. from all types of motor vehicles placed on auto lift or a pit
- Centrally Mounted 10 litres capacity bowl is height adjustable & can be optimally positioned allowing oil draining as well as other maintenance operations
- Durable all-steel design and reinforced castors; the unit provides a safe & affordable option for draining, transferring & evacuating used oil
- Designed for excellent mobility, easy bowl positioning & simple to use pressurized evacuation
- Comes complete with a 355mm diameter telescopic bowl that can be adjusted from 1143 mm to 1828 mm
- 68 litre tank includes a preset air regulator that allows the use of standard compressed air up to 10 bar
- Tank includes a safety valve and a reinforced dispensing hose that doubles as a sight gauge to prevent overfilling
- Not for use with fuels and corrosive media

### PL500

#### INDUSTRIAL ROTARY FUEL TRANSFER PUMP



| Product Code | Description                          | Flow Rate | Media                 |
|--------------|--------------------------------------|-----------|-----------------------|
| PL500        | Industrial Rotary Fuel Transfer Pump | 38 LPM    | Most Fuels & Solvents |

- FM Approved Pump for use with Class 1 & Class 11 flammable & combustible liquids
- Solid Cast Iron construction, with Sintered powdered 3 vane rotor c/w 3 Graphite vanes
- Flow 38 LPM, Self Priming
- Delivers media with a Head Lift of 6m (20 ft)
- Telescopic Suction Tube with strainer to use with 50 -205 L Drums c/w 2" bung
- Outlet : 2.4 m x 3/4" Antistatic hose, vacuum breaker, Non sparking aluminium Nozzle
- Nozzle holder
- Recommended use: Petroleum based fluids, Petrol, Diesel, Biodiesel, Ethanol blend (up to 15%), Kerosene, Naphtha, Alcohols, & other solvents compatible with the pump components
- Ideal for Barrels, Drums & tanks for quickly refueling diesel powered vehicles & Equipment
- Do Not use with water based media





### PL503

#### HIGH FLOW 3:1 ROTARY BARREL FUEL PUMP

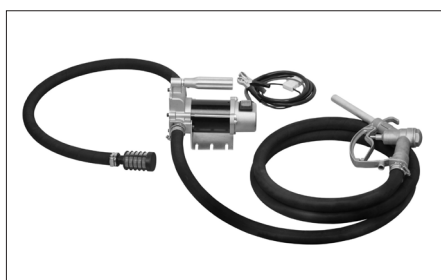


| Product Code | Description                          | Flow Rate              | Media                 |
|--------------|--------------------------------------|------------------------|-----------------------|
| PL503        | Industrial Rotary Fuel Transfer Pump | Up to 500ml / rotation | Most Fuels & Solvents |

- Flow: Dispenses 205 Litres in 3 Minutes
- Die cast Aluminium construction with sintered gear driven die cast zinc rotor & vanes
- Geared Rotary barrel pump with 3 times discharge per rotation for every complete handle turn, the rotor turns 3 times
- Aluminium die cast handle with security locking latch
- Complete with 3 piece Suction tube 50 - 205 L drums c/w Bung
- Discharge hose 1.8M length
- Recommended use : Petrol, Diesel, Kerosene & lubricating Oils up to SAE30
- **DO NOT** use with corrosive liquids, Solvents, Acids, Alkalis etc.
- **NOTE:-** Fuels Containing Ethanol & Biodiesel will cause more frequent replacement of rubber parts
- **NEVER** operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump

### PL510 & PL511

#### 12V & 24V DC ELECTRIC DIESEL PUMPS

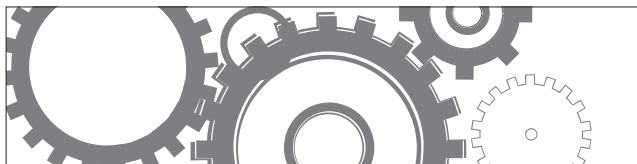


| Product Code | Description                     | Flow Rate            | Media       |
|--------------|---------------------------------|----------------------|-------------|
| PL510        | 12VDC Electric Diesel Fuel Pump | 46 litres per Minute | Diesel Fuel |
| PL511        | 24VDC Electric Diesel Fuel Pump | 46 Litres per Minute | Diesel Fuel |

- 12V DC or 24V DC Electric Diesel Fuel Pump
- Self Priming Vane Pump
- Portable Diesel transfer pump for every day use
- Light weight non corroding Aluminium Die cast construction
- Motor 1/4 HP
- Amp Draw from battery : 12 Amp & 8.7 Amp respectively
- Flow Rate 46 LPM
- Duty Cycle: 30min On / 30 Min OFF
- Max Working pressure 4.5 bar (65 PSI)
- Supplied with 4M hose to cut for both suction and Delivery
- Hardware included : 3 hose Barbs (3/4"), & 4 Hose clamps
- Battery cable 2m length with fuse and clamps
- Aluminium Nozzle for delivery of fluid
- Recommended use : Diesel & Kerosene
- **DO NOT** Use with fluids with a Flash Point below 38°C such as Petrol & Alcohol :- Sparking could result in explosion and fatal injury

# FUEL EQUIPMENT

## FUEL PUMPS



### PL515

#### ELECTRIC FUEL AND OIL PUMP 230V AC



| Product Code | Description                      | Flow Rate            | Media                 |
|--------------|----------------------------------|----------------------|-----------------------|
| PL515        | Electric Fuel & Oil Pump 230V AC | 38 litres per minute | Most Fuels & Solvents |

- Motor Double Insulated, safe to use with Water Emulsions
- Manufactured from chemically inert materials : POM
- Polypropylene, Stainless Steel, Nitrile Rubber, Viton & PTFE
- Working temperature range -10deg C to + 40deg C
- Flow rate : 40 LPM (measured at outlet)
- Motor 0.43 HP Centrifugal AC motor
- Internal by-pass valve : No
- Duty Cycle : Continuous Cycle
- Maximum Viscosity 114 cSt
- Built in anti-siphoning system ensures that the media does not flow out by siphon action in case of accidental damage to delivery hose or dispensing nozzle
- Built in bung adaptor to fit directly onto drum with 2" threaded opening
- Suction hose 3/4" x 1 mtr complete with stainless steel strainer
- Discharge hose 3/4" x 3 mtr long
- Dispensing nozzle 3/4" polypropylene c/w 3/4" hose barb
- Power cord : 2 mtr long
- Recommended Use : Diesel, Kerosene, Mineral & Synthetic Oils, Antifreeze, Water & Emulsions
- DO NOT Use with fluids with a flash point below 38deg C such as Petrol & Alcohol :- Sparking could result in an explosion causing fatal injury

### PL517

#### ELECTRIC FUEL PUMP EXPLOSION PROOF 12V DC



| Product Code | Description                               | Flow Rate                  | Media                 |
|--------------|---|----------------------------|-----------------------|
| PL517        | Electric Fuel Pump Explosion Proof 12V DC | Up to 75 litres per minute | Most Fuels & Solvents |

- Heavy Duty Industrial Grade High Flow Fuel Pump
- cUL, ATEX & IECEx listed motor
- Aluminium die cast construction, Geared pump design using sintered metal gears. Makes the pump tolerant to contaminants in fuels as well as tremendous suction and minimal noise
- Duty Cycle: 30 minutes ON / 30 minutes OFF
- Flow Rate: up to 75 LPM
- Explosion proof motor: 1/4 HP 12V DC
- Current Draw: 15 AMP
- Suction Pipe: steel
- Hose: 1" x 3.6 mtr antistatic hose
- Tank adaptor: 2" threaded spin collar for easy installation
- Inlet: 1" NPT
- Outlet: 1" NPT
- Wire mesh strainer fitted into body of pump for easy cleaning
- Dispensing nozzle: 1" manual with swivel
- Battery cable: 4.5 mtr
- Recommended use: Petrol, Diesel, E15 fuel, Kerosene, Bio-Diesel (B20)



## PL520 & PL521

### SPARES FOR FUEL PUMP PL500



| Product Code | Description                | Includes               | Also               |
|--------------|----------------------------|------------------------|--------------------|
| PL520        | Spares for Fuel Pump PL500 | Gasket, Vanes, Springs | Complete Set       |
| PL521        | Spares for Fuel Pump PL500 | Bung nut               | c/w Flame Arrestor |

Kit Includes:

- Pump head gasket
- Graphite Vanes : (3)
- Vane Springs : (3)
- Shaft nut , packing & packing nut

## PL530 & PL531

### MANUAL FUEL CONTROL NOZZLES



| Product Code | Description                                     | Flow Rate            | Media         |
|--------------|---|----------------------|---------------|
| PL530        | Manual Fuel Control Nozzle<br>Unleaded Fuel Use | 57 litres per Minute | Unleaded Fuel |
| PL531        | Manual Fuel Control Nozzle<br>Diesel Fuel Use   | 75 Litres per Minute | Diesel Fuel   |

- All metal Aluminium Die cast construction
- Inlet: 1" BSP Aluminium hose swivel
- Outlet discharge spout :- 3/4" diameter x 160mm long (for Petrol)  
1" diameter x 160mm long (for Diesel)
- Maximum flow rate : 57 LPM (Petrol), 75 LPM (Diesel)
- Maximum pressure : 3.45 Bar (50 psi)
- For use with Electric Fuel pumps & Gravity feed
- Recommended use : All Petrols, Ethanol blends (up to 15%), Kerosene, Diesel, Biodiesel

## PL540 & PL541

### AUTOMATIC HIGH FLOW FUEL CONTROL NOZZLES

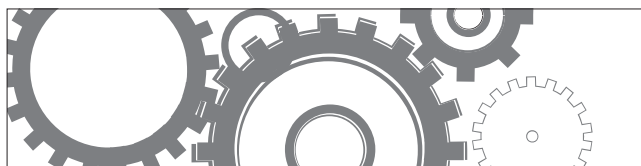


| Product Code | Description   | Flow Rate            | Media         |
|--------------|---|----------------------|---------------|
| PL540        | Automatic Fuel Control Nozzle<br>Diesel Fuel Use Only | 75 litres per Minute | Diesel Fuel   |
| PL541        | Automatic Fuel Control Nozzle<br>Petrol Fuel Use Only | 57 Litres per Minute | Unleaded Fuel |

- Aluminium Body, Trigger & Guard from Thermoplastic
- Sensor built in to the discharge spout outlet automatically shuts off supply once fuel level in the tank reaches that of the outlet spout
- For use with electric fuel pumps, Dual mode Manual & Automatic
- Inlet :- 1" BSP (F). Diesel (PL540)  
3/4" BSP (F) Petrol (PL541)
- Outlet spout straight :- 27mm OD (1.06") diameter (for Diesel)  
21mm OD (0.83") diameter (for Petrol)
- Maximum pressure :- 3.45 Bar (50 Psi)
- Recommended use : All Petrols, Ethanol blends (up to 15%), Kerosene, Diesel, Biodiesel

# FUEL EQUIPMENT

## FUEL GUNS & METERS



### PL550

#### METERED FUEL CONTROL NOZZLE



| Product Code | Description                 | Includes           | Media                            |
|--------------|-----------------------------|--------------------|----------------------------------|
| PL550        | Metered Fuel Control Nozzle | Electronic Display | Diesel, Petrol, Biodiesel, Water |

- Metered Fuel Control Nozzle
- Aluminium Die Cast Nozzle Body
- Polyamide body & sealed electronic card
- Inlet : 1" BSP (F) swivel
- Stainless Steel Adaptor included to convert Male to Female end
- Flow : 5 to 120 LPM
- Maximum Working Pressure : 10 Bar (150 psi)
- Working Temperature Range : -10°C to 50°C
- Sealed Electronics Display using Two x AAA 1.5V batteries (included)
- Water Resistance : IP55
- Maximum Resettable Batch Total : 99999 units
- Maximum Non Resettable Totalizer : 999999 units
- Least Count / Resolution : 0.001 units
- Accuracy : + / - 1%
- Repeatability : + / - 0.30%
- Maximum Viscosity of media: 5.35 cst
- Recommended use: Diesel, Petrol, Bio-Diesel, Windshield Fluid, Water
- DO NOT use with Oils & Ethanol (incl. blends)
- NOT to be used for Media for RESALE

### PL560

#### MECHANICAL NUTATING DISC FUEL METER



| Product Code | Description                         | Includes           | Media                          |
|--------------|-------------------------------------|--------------------|--------------------------------|
| PL560        | Mechanical Nutating Disc Fuel Meter | Mechanical Display | Diesel, Petrol, Biodiesel, Oil |

- Mechanical Nutating (wobble plate) Disc Fuel Meter
  - Robust Aluminium Construction
  - Nutating disc mechanism offers high tolerance to fuel contamination
  - For use with Electric Fuel pumps or Gravity flow ( with a minimum gravity head of 1.2m)
  - Port size: 1" BSP ( F )
  - 3 Port design which allows the meter to be fitted in line or with the inlet outlet ports at right angle
  - Register cap can be easily removed & rotated to every 90° orientation for display reading
  - Flow Rate: 15 to 75 LPM
  - Maximum Working Pressure: 3.5 Bar (50 Psi)
  - Working Temperature Range: -10°C to +65°C
  - Maximum Resettable Batch Total: 9999 Litres
  - Maximum Non Resettable Totalizer: 999999 Litres
  - Least Count Resolution: 0.10 Litres
  - Accuracy: +/- 1%
  - Repeatability: +/- 0.50%
  - Recommended use: Diesel, All Petrols, Biodiesel, Low to medium Viscosity Oils
  - DO NOT use with water based fluids
- Manual calibration required upon installation.



### PL561

#### DIGITAL TURBINE METER



| Product Code | Description           | Features           | Media                            |
|--------------|-----------------------|--------------------|----------------------------------|
| PL561        | Digital Turbine Meter | Electronic Display | Diesel, Petrol, Biodiesel, Water |

- Polyamide body & sealed electronic card
- Electronic Display can be rotated in 4 different positions
- Electronic Display uses two x AAA 1.5V batteries ( included)
- Inlet / Outlet : 1" BSP (M) MXF
- Maximum Working Pressure : 20 Bar ( 300 Psi)
- Flow : 5 to 120 LPM
- Temperature Range : -10°C to +50°C
- Maximum Resettable Batch Total : 99999 units
- Maximum Non Resettable Totalizer : 999999 units
- Accuracy : + / - 1%
- Repeatability : + / - 0.30%
- Water Resistance : IP55
- Recommended use : Diesel, Petrol, Bio-Diesel, Windshield fluid, Water
- DO NOT use with Oil

### PL570, PL571, PL573

#### FUEL FILTER 1" BSP, REPLACEMENT ELEMENT & FUEL FILTER BOWL W/DRAIN



| Product Code | Description                         | Flow Rate       | Media                 |
|--------------|-------------------------------------|-----------------|-----------------------|
| PL570        | Fuel Filter 1" BSPP                 | 10 Micron Paper | Diesel & Petrol Fuels |
| PL571        | Fuel Filter - Replacement Element   | 10 Micron Paper | Diesel & Petrol Fuels |
| PL573        | Fuel Filter Bowl w/drain Suit PL570 | 10 Micron Paper | Diesel & Petrol Fuels |

- Fuel Filter 1" BSP (F)
- High Flow Filter with 10 Micron Paper Element fitted
- Aluminium Die cast head
- Translucent Polypropylene Filter Bowl c/w Brass drain cock
- Removes Small particles of Rust, Dirt, Scale, Grit, Sand & lint at gravity flow 19 Litres / minute with only 600 mm head
- Maximum Working Pressure : 10 Bar ( 150 Psi)
- Recommended use : Diesel and Petrol
- DO NOT use with water based products, Ethanol blend fuels, Aviation Fuels, Race Fuels etc.
- Replacement Filter Element PL571

### PL572

#### FUEL FILTER WRENCH

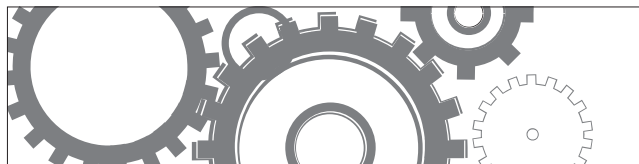


| Product Code | Description        | Features          | Material         |
|--------------|--------------------|-------------------|------------------|
| PL572        | Fuel Filter Wrench | Fuel Filter PL570 | Reinforced Nylon |

- Suits Fuel Filter PL570
- Weather resistant reinforced Nylon construction
- In addition fits other maker :  
Golenrod Models: 495 & 496  
Baldwin Model: B10AL  
National Spencer Model: NS-10  
John Deere Models: TY15192 & TY15677 etc.

# DISPENSING EQUIPMENT

## MANUAL CHEMICAL PUMPS



### PL600

#### ROTORY CHEMICAL PUMP



| Product Code | Description          | Flow Rate             | Media                               |
|--------------|----------------------|-----------------------|-------------------------------------|
| PL600        | Rotary Chemical Pump | 5 litres per 20 turns | Antifreeze, Fuel, Ad-Blue, Acid etc |

- Pump Body made from Glass filled Polypropylene with Ryton Vanes
- All Seals are Viton & all pump hardware is Stainless Steel
- Threaded Polypropylene suction tube suits 50 to 205 Litre drums
- 2 x bung adaptors included
- Strainer fitted to the suction tube stop contaminants from entering the pump
- Delivers: 5 litres per 20 turns
- Recommended use: Dispensing water based media, Antifreeze, Urea, AdBlue, DEF, Benzene
- Also: Detergents, Glycerine, Acids, Chemicals, etc.
- In addition: to use with all Light weight petroleum based products
- **DO NOT** use with Acetone, Lacquer, Mineral oils, Solvents, Turpentine, etc.

### PL601

#### LEVER ACTION CHEMICAL PUMP



| Product Code | Description         | Flow Rate        | Media                               |
|--------------|---------------------|------------------|-------------------------------------|
| PL601        | Lever Chemical Pump | 500ml per stroke | Antifreeze, Fuel, Ad-Blue, Acid etc |

- Lever Action Chemical Pump
- Wetted Components: Polyacetal, Polypropylene, PVC & Viton
- Anti siphon vent cap when loosend breaks the siphon action
- Built in 2" Bung Adaptor
- Flow: 500 ml per Stroke
- Suction tube suits 50 to 205 Litre drums
- Pump outlet fitted 2 M x 3/4" flexible corrugated discharge hose
- Design makes it extremely comfortable to pump thick oils without excessive fatigue
- Recommended use: Water based media, Detergents, Soaps, Antifreeze, windshield washer fluid
- Also: Hydraulic oils, Lubricants, Herbicides & Pesticides, Ad-Blu, Urea, DEF
- Pump should ONLY be used with NON flammable liquids

### PL610

#### MANUAL HEAVY DUTY SIPHON PUMP



| Product Code | Description | Flow Rate            | Media                               |
|--------------|-------------|----------------------|-------------------------------------|
| PL610        | Siphon Pump | 21 litres per minute | Antifreeze, Fuel, Ad-Blue, Acid etc |

- Up/Down lever action
- Easy to use Polyethylene Pump, siphon liquids to lower levels than the height of pump
- Easy to prime and start within 6 to 7 strokes
- Suits 205 litre drums, suction tube length 1212 mm
- Flow: 21 LPM
- Flexible corrugated discharge hose length 1200 mm
- Recommended use: Water based fluids, Detergents, Waxes, Soaps, Antifreeze, mild acid
- Also Detergents, Glycerine, Acids, Chemicals, etc.
- In addition: to use with all Light weight petroleum based products
- Do NOT use with Acetone, Lacquer, Mineral oils, Solvents, Turpentine, etc.
- Pump should only be used with light weight & NON Flammable media
- **DO NOT** use with any media not compatible with materials used in the pump construction
- **WARNING:** Pumps must never be used with HOT media at temperatures above +60°C





### PL670

#### DRUM WRENCH



| Product Code | Description | Material       | Bung Sizes  |
|--------------|-------------|----------------|-------------|
| PL670        | Drum Wrench | Cast Aluminium | 2" and 3/4" |

- An easy & convenient tool to open almost all types of drums
- Wrench is manufactured from cast aluminium (LM25) hardened & tempered to increase strength
- Ends of Wrench are designed to fit perfectly into most 2" & 3/4" drum plugs

### PL671

#### DRUM FAWCET / TAP

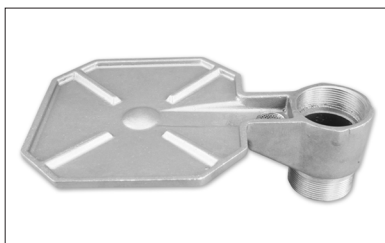


| Product Code | Description       | Material                  | Thread Size |
|--------------|-------------------|---------------------------|-------------|
| PL671        | Drum Faucet / Tap | High Density Polyethylene | 3/4" BSP    |

- Body : High density Polyethylene. Knob: Low density Polyethylene
- Fits into 3/4" threaded opening on 205 litre drums
- Facilitates convenient dispensing of media under gravity flow with the drum laid horizontally

### PL672

#### ALUMINIUM DRIP PAN



| Product Code | Description        | Material       | Thread Size |
|--------------|--------------------|----------------|-------------|
| PL672        | Aluminium Drip Pan | Cast Aluminium | 2" BSP      |

- Used as a drain for returning over flown media during dispensing
- Fits into any 2" threaded opening on a drum barrel or tank
- It additionally works as a base for holding a container during dispensing
- Keeps workplace clean & eliminates wastage, saving money each time the pump is used
- Designed with built in 2" bung adaptor & strainer for draining clean media back into the drum

### PL673

#### DRUM BUNG CONVERTER



| Product Code | Description         | Material                 | Thread Size         |
|--------------|---------------------|--------------------------|---------------------|
| PL673        | Drum Bung Converter | Polypropylene Co-Polymer | 2" Fine x 2" Coarse |

- Converts 2" Fine threads found on most pumps / drum bungs to 2" male coarse
- Making the pumps good for use on Plastic drums with 2" coarse female threads
- Construction: Polypropylene co-polymer designed with 4 protrusions for easy tightening
- Dimensions: 82 mm diameter x 34 mm high

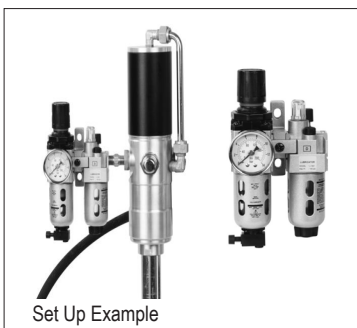
# AIR EQUIPMENT

## AIR LINE EQUIPMENT & GUNS



### PL710, PL721 & PL725

#### MINIATURE 1/4" FILTER REGULATOR LUBRICATOR ( 2 PIECE)



Set Up Example

| Product Code | Description                   | Description                        | Sizes    |
|--------------|-------------------------------|------------------------------------|----------|
| PL710        | Miniature 1/4" FLR            | Die Cast Aluminium / Polycarbonate | 1/4"     |
| PL721        | FRL Miniature Piping Adaptors | Used to connect PL710 FRL Units    | 1/4"     |
| PL725        | Spare Filter Element          | Suit PL710 Filter                  | 5 Micron |

- Miniature 1/4" Filter Regulator Lubricator (2 piece)
- Die cast Aluminium Construction c/w Polycarbonate bowl with steel bowl guard
- Pressure Gauge & Mounting Bracket included
- Ports: 1/4" Bsp
- Flow: 500 Lpm (18 cfm)
- Maximum Pressure : 10 Bar ( 145 Psi )
- Pressure Adjustment Range of 0.5 - 10 Bar. ( 7 - 145 Psi)
- Filter Element: 40 Micron
- Press type manual drain with "night time drain"

### PL730 & PL731

#### AIR BLOW GUNS WITH STAINLESS STEEL NOZZLES



| Product Code | Description                     | Materials                           | Inlet Port    |
|--------------|---------------------------------|-------------------------------------|---------------|
| PL730        | Air Blow Gun with 114 mm Nozzle | Body: Nylon Nozzle & Parts: S/Steel | 1/4" BSP Fem. |
| PL731        | Air Blow Gun with 330 mm Nozzle | Body: Nylon Nozzle & Parts: S/Steel | 1/4" BSP Fem. |

- Air Blow Gun with 114 mm & 330 mm nozzles
- Impact & weather resistant Nylon Body
- Stainless Steel Nozzle & parts
- Drop resistant construction
- Handle with Soft rubber grip for convenience & continuous use
- Variable speed trigger
- Ergonomic design of the gun helps eliminate the risk of Carpel Tunnel
- Connection : Brass threaded 1/4" BSP (F)
- Operating Pressure : 3.5 - 16 BAR (50 -235 Psi)
- Blowing Force at 6.8 bar = 0.35 Kgs
- Air Consumption: 15.18 CFM & 15.26 CFM @ 6.8 Bar respectiely
- Noise Level : 80 db @ 100 Psi

### PL735

#### AIR BLOW GUN POLYACETAL BODY



| Product Code | Description  | Material                            | Thread Size   |
|--------------|--------------|-------------------------------------|---------------|
| PL735        | Air Blow Gun | Body: Polyacetal, Nozzle: Aluminium | 1/4" BSP Fem. |

- Polyacetal Body (POM)
- Non corroding Aluminium nozzle
- Variable Speed trigger ensures for full control of amount of air dispensed
- Connection : Brass threaded 1/4" BSP (F)
- Operating Pressure : 3.5 - 10 BAR ( 50 - 150 Psi )
- Blowing Force @ 6.8 Bar = 0.472 Kgs
- Air Consumption: 19.06 CFM @ 6.8 Bar



## PL739

### AIR BLOW GUN KIT C/W 6 INTERCHANGEABLE ACCESSORIES



| Product Code | Description      | Material                                     | Thread Size   |
|--------------|------------------|--|---------------|
| PL739        | Air Blow Gun Kit | Body: Nylon, Accessories: Aluminium & Rubber | 1/4" BSP Fem. |

#### Includes:

- Air Blow Gun PL730
- 100mm Protective Shield
- Soft Rubber Star Tip Nozzle for use on delicate materials
- 12.7 mm Rubber Tip for blowing out lines & cavities
- 25 mm Rubber Tip for blowing out lines & cavities
- 35 mm Rubber Tip for blowing out lines & cavities
- Venturi Nozzle turbo charges output. Great for blowing out dust, dying off and washing parts fast

## PL740

### AIR BLOW GUN



| Product Code | Description  | Materials                                | Thread Size   |
|--------------|--------------|--|---------------|
| PL740        | Air Blow Gun | Body: Die Cast Aluminium, Nozzle: Rubber | 1/4" BSP Fem. |

- Metal Lever Air Blow Gun
- Manufactured from Die Cast Aluminium
- Feature revolutionary Venturi Mechanism that uses side ports to combine free ambient air with costly compressed air, creating a much higher volume of usable output
- Ergonomic design of the body & large dip coated lever reduces user fatigue & discomfort, even during extended use
- Maximum Pressure: 10 Bar (150 Psi)
- Threaded 1/4" (F) at inlet & 1/8" (F) at outlet
- 1/2" Rubber Tip
- Maximum DBA : 85

## PL749

### BLOW GUNS & ACCESSORIES KIT



| Product Code | Description                     | Materials | Thread Size   |
|--------------|---------------------------------|-----------|---------------|
| PL749        | Air Blow Guns & Accessories Kit | Various   | 1/4" BSP Fem. |

- Lever air blow gun kit with interchangeable tips
- Accessories supplied in tough plastic case and includes:-
  - \* 2 x PL740 Metal blow guns
  - \* 1/2" Rubber tip
  - \* Standard tip
  - \* Standard safety tip
  - \* High flow safety tip
  - \* Safety booster tip
  - \* Safety tamperproof tip
  - \* 1" Rubber tip
  - \* 1.3/8" Rubber tip
  - \* Soft rubber star tip
  - \* Adjustable brass tip
  - \* Nylon screen 1.1/4" wide tip
  - \* Nozzle with 4" protective shield tip
  - \* Nylon tapered tube 3" long tip
  - \* Mini aluminium tip
  - \* S/S needle 1.3/4" long x 1.8mm dia. tip
  - \* S/S needle 2.15/32" long x 2.4mm dia. Tip
  - \* Steel wire brush tip for industrial cleaning & drying
  - \* Extended reach Aluminium tube 3" long tip
  - \* Extended reach Aluminium tube 6" long tip



# LUBE EQUIPMENT

## POWERED PUMPS



### ALE-15FPH

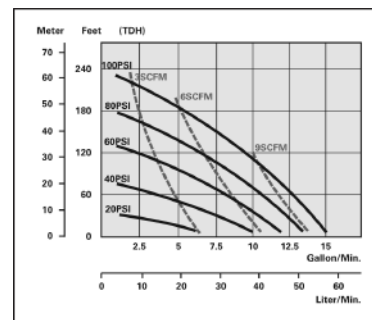
#### AIR OPERATED DIAPHRAGM PUMP POLYPROPYLENE BODY



| Product Code | Description              | Pump Capacity      |
|--------------|--------------------------|--------------------|
| ALALE-15FPH  | 1/2" Poly Diaphragm Pump | 45 litres / minute |

- Air operated double diaphragm pumps for use in a wide variety of industries
- A reliable, cost effective and versatile means of transferring fluids
- Suitable for the transfer of a wide variety of fluids including engine oil, gear oil, waste oil, some chemicals, caustic, antifreeze and waste water
- Polypropylene body with easily replaced Hytrel diaphragms
- All bolted construction enables easy servicing

Air Motor: Ryton®  
 Port Dimensions: 1/2" BSPT Female  
 Max. Liquid Temperature : 120°C  
 Air Inlet (includes ball valve): 1/4" NPT (F)  
 Air Exhaust: 3/8" NPT Female  
 Air Supply: 20 - 100 psi (1.4 - 7 Kg/cm<sup>2</sup>)  
 Discharge: 128 ml per cycle  
 Max. Cycle Rate: 400 Cycles per minute  
 Max. Size Solid: 1 mm  
 Max. Dry Lift (Suction): 2.4 m  
 Weight: 3.5 Kgs



Performance Graph based on 305 mm flooded suction, with water at ambient temperature

### ALE-xxBAH

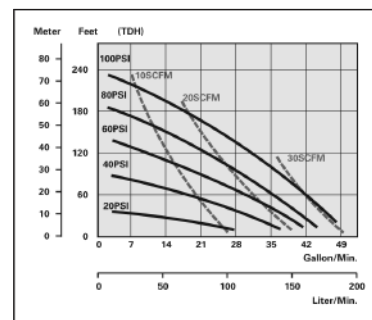
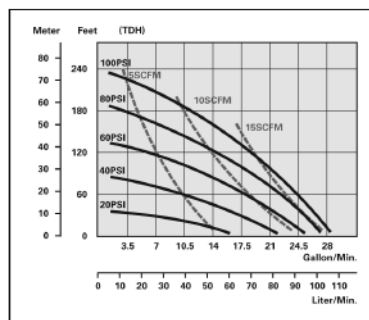
#### AIR OPERATED DIAPHRAGM PUMP ALUMINIUM BODY



| Product Code | Description                       | Pump Capacity            |
|--------------|-----------------------------------|--------------------------|
| ALE-20BAH    | Aluminium Diaphragm Pump 3/4" NPT | 100 litres / min maximum |
| ALE-25BAH    | Aluminium Diaphragm Pump 1" NPT   | 180 litres / min maximum |

Air Motor: Aluminium  
 Port Dimensions: 3/4" NPT Female  
 Max. Liquid Temperature : 120°C  
 Air Inlet: 1/4" NPT Female  
 Air Exhaust: 3/4" NPT Female  
 Air Supply: 20 - 100 psi (1.4 - 7 Kg/cm<sup>2</sup>)  
 Discharge: 615 ml per cycle  
 Max. Cycle Rate: 195 Cycles per minute  
 Max. Size Solid: 2 mm  
 Max. Dry Lift (Suction): 5.48 m

Air Motor: Aluminium  
 Port Dimensions: 1" NPT Female  
 Max. Liquid Temperature : 120°C  
 Air Inlet: 3/8" NPT Female  
 Air Exhaust: 3/4" NPT Female  
 Air Supply: 20 - 100 psi (1.4 - 7 Kg/cm<sup>2</sup>)  
 Discharge: 833 ml per cycle  
 Max. Cycle Rate: 210 Cycles per minute  
 Max. Size Solid: 4.8 mm  
 Max. Dry Lift (Suction): 5.48 m



Performance Graphs based on 305 mm flooded suction, with water at ambient temperature



## AL20066N2

### LED CORDLESS WORKSHOP LIGHT



| Product Code | Description  | Features                         |
|--------------|--|----------------------------------|
| AL20066N2    | LED Work Light with Aircon Gas Leak Detection Capabilities | Inspection Light / Gas detection |

- Gas leak detection capabilities
- 4W COB LED, 400lm on body
- 3W SMD LED, 100lm on top
- 80 CRI to illuminate true colours
- 6500K
- 3.7V 2200mAh Li-ion battery
- 3 hour main light run time
- 10 hour top light run time
- 28 hour top UV light run time
- 3.5 hour charge time
- 180° adjustable handle
- 3 strong magnets
- 2 foldaway hanging hooks
- IP54 foreign objects / moisture intrusion rating



# DISPENSING EQUIPMENT

## P-SERIES HOSE REELS



### HRPG15-R2-04-04BTF

#### POLYPROPYLENE GREASE HOSE REEL



| Product Code       | Intended Use | Hose           | Inlet    | Outlet           | Length | W.P      | W.T        |
|--------------------|--------------|----------------|----------|------------------|--------|----------|------------|
| HRPG15-R2-04-04BTF | Grease       | PIRTEK FRAS R2 | 1/4" NPT | 1/4" BSPF Swivel | 15MT   | 5000 psi | -30C - 90C |

- Compact and lightweight
- Tough construction
- Impact and corrosion resistant
- All positive latching system
- Easy Service and mounting
- Anti-static and flame retardant
- Self Retracting
- General workshop and mobile equipment application

### HRPO15-R1-08-08BTF

#### POLYPROPYLENE OIL HOSE REEL



| Product Code       | Intended Use | Hose           | Inlet     | Outlet           | Length | W.P      | W.T        |
|--------------------|--------------|----------------|-----------|------------------|--------|----------|------------|
| HRPO15-R1-08-08BTF | Oil          | PIRTEK FRAS R1 | 1/2" BSPF | 1/2" BSPF Swivel | 15MT   | 1200 psi | -30C - 90C |

- Compact and lightweight
- Tough construction
- Impact and corrosion resistant
- All positive latching system
- Easy Service and mounting
- Anti-static and flame retardant
- Self Retracting
- General workshop and mobile equipment application

### HRPW15-MP-08-08BTF

#### POLYPROPYLENE OIL HOSE REEL



| Product Code       | Intended Use | Hose       | Inlet     | Outlet    | Length | W.P      | W.T        |
|--------------------|--------------|------------|-----------|-----------|--------|----------|------------|
| HRPW15-MP-08-08BTF | Air & Water  | PIRTEK PVC | 1/2" BSPF | 1/2" BSPM | 15MT   | -250 psi | -30C - 65C |

- Compact and lightweight
- Tough construction
- Impact and corrosion resistant
- All positive latching system
- Easy Service and mounting
- Anti-static and flame retardant
- Self Retracting
- General workshop and mobile equipment application





### HRSG15-R2-04-04BTF

#### STEEL GREASE HOSE REEL



| Product Code       | Intended Use | Hose           | Inlet      | Outlet            | Length | W.P      | W.T         |
|--------------------|--------------|----------------|------------|-------------------|--------|----------|-------------|
| HRSG15-R2-04-04BTF | Grease       | PIRTEK FRAS R2 | 1/4" BSPPM | 1/4" BSPPF Swivel | 15MT   | 8700 psi | -30C - 130C |

- Durable and compact
- High quality solid construction
- Wall, floor, ceiling or vehicle mounting
- Designed for Heavy Duty
- Self retracting
- Easy to operate and maintain
- External swivel male fitting

### HRSO15-R1-08-08BTF

#### STEEL OIL HOSE REEL



| Product Code       | Intended Use | Hose           | Inlet      | Outlet            | Length | W.P      | W.T         |
|--------------------|--------------|----------------|------------|-------------------|--------|----------|-------------|
| HRSO15-R1-08-08BTF | Oil          | PIRTEK FRAS R1 | 1/2" BSPPM | 1/2" BSPPF Swivel | 15MT   | 2320 psi | -30C - 130C |

- Durable and compact
- High quality solid construction
- Wall, floor, ceiling or vehicle mounting
- Designed for Heavy Duty
- Self retracting
- Easy to operate and maintain
- External swivel male fitting

### HRSW15-R1-08-08BTF

#### ENCLOSED STEEL AIR & WATER HOSE REEL



| Product Code       | Intended Use | Hose           | Inlet     | Outlet           | Length | W.P      | W.T         |
|--------------------|--------------|----------------|-----------|------------------|--------|----------|-------------|
| HRSW15-R1-08-08BTF | Air & Water  | PIRTEK FRAS R1 | 1/2" BSPF | 1/2" BSPF Swivel | 15MT   | 2320 psi | -30C - 130C |

- Durable and compact
- High quality solid construction
- Wall, floor, ceiling or vehicle mounting
- Designed for Heavy Duty
- Self retracting
- Easy to operate and maintain
- External swivel male fitting

# DISPENSING EQUIPMENT

## INDUSTRIAL HOSE REELS



### AL501xxx

OPEN TYPE BARE HOSE REELS  
AIR / OIL / GREASE



| Product Code | Intended Use             | BSP Threads       | Recommended Hose         |
|--------------|--------------------------|-------------------|--------------------------|
| AL501198     | Air / Low Pressure Water | 1/2" In, 1/4" Out | 13 m Textile 3/8" 15 bar |
| AL501298     | Oil                      | 1/2" In, 1/2" Out | 10 m 1 wire 1/2" 75 bar  |
| AL501398     | Grease                   | 1/2" In, 1/4" Out | 10 m 2 wire 1/4" 350 bar |

- Double arm automatic rewind hose reels for air, water, oil or grease
- All metal construction with forged brass shaft for corrosion free and leak proof operation even at high pressure
- Hose recoiling is driven by a special steel spring, which provides a long life and trouble free operation
- Positionable arms for optimum operation in any mounting position: wall, ceiling, floor or tank
- Maximum hose capacity: See Table above

### AL504xxx

OPEN TYPE BARE HOSE REELS  
AIR / OIL / GREASE



| Product Code | Intended Use             | BSP Threads       | Recommended Hose         |
|--------------|--------------------------|-------------------|--------------------------|
| AL504159     | Air / Low Pressure Water | 1/2" In, 1/2" Out | 15 m Textile 1/2" 15 bar |
| AL504259     | Oil                      | 1/2" In, 1/2" Out | 15 m 1 wire 1/2" 160 bar |
| AL504359     | Grease                   | 3/8" In, 1/4" Out | 15 m 2 wire 3/8" 280 bar |

- Dual pedestal
- Heavy duty double arm automatic rewind hose reels for air, water, oil or grease.
- All metal reinforced construction with forged brass shaft for corrosion free and leak proof operation even at high pressure.
- Hose recoiling is driven by a special steel spring, which provides a long life and trouble free operation.
- Positionable arms for an optimum operation in any mounting position: wall, ceiling, floor or tank.
- Maximum hose capacity: 15 m x 1/2" hose

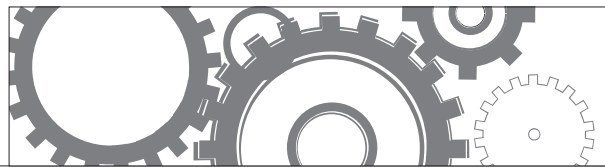
### AL505xxx

3/4" HOSE CAPACITY  
AIR, WATER, OR FUEL HOSE REEL



| Product Code | Intended Use                    | BSP Threads       | Supplied Hose            |
|--------------|---------------------------------|-------------------|--------------------------|
| AL505224N    | Air / Low Pressure Water / Fuel | 3/4" In, 3/4" Out | 15 m 1 wire 3/4" 105 bar |
| AL505924     | Air / Low Pressure Water / Fuel |                   | Bare Reel                |

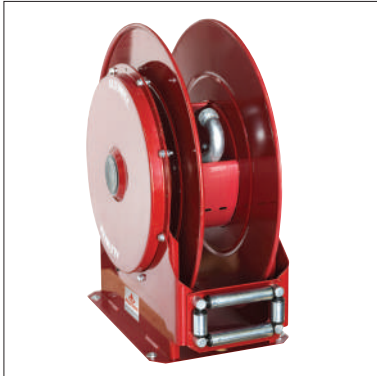
- Dual Pedestal
- Double arm, high volume, automatic rewind hose reels for air, water, fuel or oil  
All metal reinforced
- Full 3/4" port shaft and swivel so no flow restrictions.
- Hose recoiling is driven by a special steel spring, which provides a long life and trouble free operation.
- Positionable arms for an optimum operation in any mounting position: wall, ceiling, floor or tank.
- Maximum hose capacity: 20 m x 1/2" hose or 15 m x 3/4" hose.
- Models with hose include a 0.8 m long inlet hose.



### AL7342

#### SELF RETRACTING REEL

#### 1" BARE HIGH CAPACITY



| Product Code | Description                  | Max. Pressure | 1" Hose Capacity         |
|--------------|------------------------------|---------------|--------------------------|
| AL7342       | Self Retracting Reel 1" Bare | 69 bar        | 15 m 1 wire or fuel hose |

- High-capacity hose reel designed to deliver fuel (such as diesel fuel, aircraft fuel, and gasoline) and lubricating oils while mounted to a lubrication truck or to a ceiling\* or wall)
- The reel mounts as a single unit or in banks of as many as required
- The hose guide arms can attach to the base assembly in five (5) different positions
- Connections: **Inlet** 1" NPTF Female **Outlet** 1" NPSM Female (or 3/4" NPTF Female via supplied bushing)
- The reel is spring-powered and self-retracting
- When the hose is extended, the reel can be latched on either of two ratchet sections per turn of the sheave
- A pull releases the latch from the ratchet and allows the hose to retract onto the reel
- If used to deliver gasoline or aircraft fuel, static electricity must be prevented:
  1. delivery and connecting hose must contain a grounding wire
  2. entire fuel delivery system must be properly grounded
- Failure to do so can result in personal injury through fire and/or explosion

\* Maximum height of the base plate above the floor 4.9 metres to comply with warranty

### ALOS615

#### OXY ACETYLENE HOSE

#### HOSE REEL



| Product Code | Intended Use            | Hose Capacity |
|--------------|-------------------------|---------------|
| ALOS615      | OXY ACETYLENE HOSE REEL | 15 metres     |

- Heavy duty steel construction with corrosion resistant powder coat finish
- Double 'O' Ring design prevents leakages
- 300 psi maximum working pressure
- Includes 15 metres of 1/4" ID delivery hose and 1.5 metres of lead-in hose
- Suited to use on light commercial vehicles

# DISPENSING EQUIPMENT

## COMPACT HOSE REELS



### ALSA300N / ALSA400N

#### S SERIES AIR HOSE REELS



| Product Code | Description | Supplied Hose                                    |
|--------------|-------------|--|
| ALAP650      | Air Reel    | 18m x 10mm hose with 3/8" BSPT(f) inlet & outlet |
| ALSA400N     | Air Reel    | 15m x 12mm hose with 1/2" BSPT(f) inlet & outlet |

- Impact resistant UV stabilised covers
- Automatic and positive latching mechanism
- New hybrid polymer hose is more flexible, easier to handle and longer lasting
- Adjustable spring tension
- Working pressure of 300psi (20bar)
- Can be wall, ceiling or floor mounted

### ALAP809

#### COMPACT AIR & WATER REEL



| Product Code | Description      | Dimensions (mm)     |
|--------------|------------------|---------------------|
| ALAWP809     | Air & Water Reel | 9m of x 8mm ID hose |

- Compact in size
- Ideal for limited space applications
- High impact resistant polypropylene construction
- Supplied complete with 9m x 8mm ID polyurethane hose
- Maximum working pressure of 145psi (10bar)
- 1/4" BSP(f) inlet thread
- 1/4" BSP (m) outlet thread
- Wall or ceiling mountable
- Suitable for use with air and water

### ALWS812

#### COMPACT STEEL AIR & WATER REEL



| Product Code | Description | Dimensions (mm)     |
|--------------|-------------|---------------------|
| ALAS812      | Water Reel  | 12m of 3/8" ID hose |

- Italian made high quality compact metal reel
- Steel covered compact reel complete with 12 metres of 8mm ID hose & steel wall mounting bracket
- Ideal for limited, confined spaces
- Dimensions: only 377x312x175mm
- Maximum pressure: 280psi
- Inlet/Outlet: 3/8" BSP(f) / 1/4" BSP(m)
- Weight: 9kg

This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

# LANOLIN PROTECT

## LANOLIN LUBRICANT



Lanolin is a totally natural wax (wool grease). Pirtek's formulation enhances this non-toxic product providing long term protection on any surface against rust, acids, alkaline and salts. Our Lanolin Lubricant range is available in both liquid sprayable and grease form.

**Pirtek Protect Lanolin Lubricant Aerosol** is a general purpose sprayable form of Protect grease which dries to a fine grease "wet" film offering the same characteristics as the grease on exterior surfaces for multi-purpose use as a lubricant for moving parts, protectant against corrosion, fluid displacement and a penetrant to free up rusted parts.

**Pirtek Protect Lanolin Lubricant Liquid** is a heavy duty, higher lanolin content, thick sprayable form of Protect grease which dries to a heavy duty grease "wet" Pirtek Protect Lanolin Lubricant Liquid is a heavy duty, higher lanolin content, thick sprayable form of Protect grease which dries to a heavy duty grease "wet" lubricant for moving parts, protectant against corrosion, fluid displacement and a penetrant to free up rusted parts.

### Features & Benefits:

- Long-lasting lubrication for all moving parts
- Protects equipment from atmospheric acid and salt corrosion
- Displaces moisture from surfaces, protecting them from corrosion
- Penetrates metal surfaces preventing wear and providing extended protection
- Penetrates seized parts for easing releasing
- High thermal and mechanical stability. Resists breakdown in high temperatures and temperature variations
- Non-conductive /Di electric up to 70kV, **do not apply to live electrical equipment**. Non Flammable
- Protects electrical applications and appliances from moisture and corrosion
- Resists breakdown in high temperatures and temperature variations
- Resistant to wash off
- Food safe, suitable for use around food preparation and processing machinery
- Environmentally friendly and Biodegradable

### Common Uses:

- Lubricates moving parts, chains and blocks
- Lubricates O-rings, linkages, pivot pins and bushes
- Penetrates rusted surfaces to free nuts and tools
- Protects exterior surfaces from surface rust
- Lubricates and protects chains and boat trailer springs
- Protects metal fastenings and fittings from corrosion
- Ideal for marine applications and outboard motors to protect against salt spray

**Pirtek Protect Lanolin Lubricant Grease** is a thick, tacky grease with high load capabilities that will not wash out under most conditions, from underwater to general applications. Lanolin lubricant grease is an all-round product that provides excellent results as a lubricant, anti-corrosive and thread anti-seize.

### Features & Benefits:

- Excellent anti-seize compound with exceptional lubricity in order to prevent wear-reducing galling, fretting, seizing and corrosion
- Protection between all metals from galvanic corrosion
- Acid and salt resistant
- Assists in lubricating for ease of disassembly of parts
- Displaces moisture, lubricates all surfaces and will not wash off
- High thermal and mechanical stability. Resists breakdown in high temperatures and temperature variations
- Non-conductive /Di electric up to 70kV, **do not apply to live electrical equipment**. Non Flammable
- Food safe, suitable for use around food preparation and processing machinery
- Environmentally friendly and Biodegradable

### Common Uses:

- Lanolin grease acts as anti-seize for threaded rod, shackles, nuts and bolts
- Stops galling of Stainless Steel and Aluminium threads
- Stops electrolysis due to dissimilar metal contact
- Lubricates rubber o-rings, gaskets, seals, linkages, pivot pins and bushes. **\*Not to be used as a high speed bearing lubricant.**
- Lubricates and protects chains and boat trailer springs
- Protects metal fastenings, fittings, wire rope, propellers and skegs from corrosion
- Seals timber joints, bridge bearers and timber ends

| Product Code | Description  |
|--------------|--|
| PIR300C      | 300GM AEROSOL WITH UNI SMART STRAW CORROSION PROTECTOR |
| PIR750ML     | 750ML TRIGGER PACK CORROSION PROTECTOR                 |
| PIR5L        | 5LTR JERRY LIQUID LANOLIN LUBRICANT                    |
| PIR20L       | 20LTR DRUM WITH TAP LIQUID LANOLIN LUBRICANT           |
| PIR200L      | 200LTR DRUM WITH AERATOR LIQUID LANOLIN LUBRICANT      |
| PIRG165ML    | 165ML TOTTLE BOTTLE GREASE LANOLIN LUBRICANT           |
| PIRG1LP      | 1LTR PAIL GREASE LANOLIN LUBRICANT                     |
| PIRG4LP      | 4LTR PAIL GREASE LANOLIN LUBRICANT                     |



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.



# LANOLIN PROTECT

## CORROSION PROTECTOR



Pirtek Protect Corrosion Protector is a high-performance lanolin film that forms a low tack "dry" coating that resists build up while forming a moisture tight seal around substrates that will resist corrosion.

Corrosion Protector is highly robust when dry and will not flake or chip and will retain its elasticity.

### Features & Benefits:

- The ultimate in lanolin barrier film coating for exterior and interior corrosion protection.
- Quick to dry and forms a low tack, moisture tight seal that resists acids, alkali, fertilizers, highly corrosive environments, moisture ingress and salt corrosion.
- Protects metals and all alloy surfaces.
- High wash-out water resistance.
- Environmentally safe, biodegradable, eco-friendly and suitable for applications around waterways and sensitive environments.
- Dielectric tested to 40kV for electrical applications.
- Non toxic, suitable for use around food preparation areas.
- Aerosol can with handy flip-up uni smart straw for wide fan coverage or direct spray.

### Common Uses:

- Protecting exterior surfaces, metal fasteners and fittings from rust during storage.
- Penetrates rusted surfaces to free up nuts and tools.
- Moisture proofs and protects electrical components, switchgears and circuit boards.
- Ideal for marine applications to protect from salt spray.
- Anti-spatter protection when welding
- Protects under-bodies of 4WD off-road vehicles, along with protects trucks, trailers, bikes and agricultural vehicles including boom sprays.

| Product Code | Description  |
|--------------|--|
| PIRCP300C    | 300GM AEROSOL WITH UNI SMART STRAW CORROSION PROTECTOR |
| PIRCP750ML   | 750ML TRIGGER PACK CORROSION PROTECTOR                 |
| PIRCP5L      | 5LTR JERRY CAN CORROSION PROTECTOR                     |



# PROTECT

## HIGH STRENGTH CITRUS DEGREASER



ACCESSORIES

PROTECT LANOLIN



Pirtek Protect Citrus degreaser is a powerful, fast acting natural degreaser derived from citrus ingredients with low acidity and pH neutral. Ideal for the removal of glues, fats, grease, bitumen, oils, waxes and carbon deposits. Citrus degreaser provides an effective cleaning solution which can be diluted providing superior cleaning of Stainless Steel and Aluminium without the environmental or personal hazards associated with traditional toxic chemicals.

**Features & Benefits:**

- Non hazardous with low toxicity and odour, suitable for indoor use.
- Derived from natural citrus ingredients which is pH neutral and low acidity.
- Water soluble, suitable for different dilutions and cleaning applications.
- Food safe for use around food preparation and process areas.
- Fresh citrus aroma.
- Aerosol can with handy flip-up uni smart straw for wide fan coverage or direct spray.

**Common Uses:**

- leaning and degreasing of heavy machinery and plant.
- Breaking down of hydrocarbons, bitumen, shipping waxes, adhesives and carbon build up.
- Industrial cleaning of surfaces and parts cleaning washes.
- Workshop and floor cleaner in preparation for painting and concrete sealing.
- Cleans air conditioning filament filters and recyclable filters.
- Cleaning and degreasing of alloys and Stainless Steels.
- De-carbonizing electrical motors and generators.
- Removal of permanent markers, inks and fresh graffiti.
- Removal of Pirtek Lanolin Products

| Product Code | Description   |
|--------------|---|
| PIRDG300C    | 300GM AEROSOL WITH UNI SMART STRAW CITRUS DEGREASER |
| PIRDG750ML   | 750ML TRIGGER PACK CITRUS DEGREASER                 |
| PIRDG5L      | 5LTR JERRY CAN CITRUS DEGREASER                     |



This page is part of a complete catalogue containing technical safety data. All data must be reviewed when selecting a product. Pirtek reserves the right to change any data specifications without notice.

# LANOLIN PROTECT

## POINTS TO NOTE



### SAFETY

- Liquid lanolin products contain specifically blended solvents that require a short time to evaporate. It is essential that the products are not applied to electrical equipment while it is live
- Lanolin products are derived from natural wax (wool grease) and are biodegradable, non toxic, and provide a safe, superior alternative to traditional petrochemical based dewatering and lubricating fluids
- Lanolin products provide high load bearing capabilities on bearings, but are not suited to use in high speed bearings
- Do not spray liquid lanolin products near fire, flame or sparks
- Lanolin products will not wash off. If surfaces coated with lanolin are to be painted, clean surfaces with white spirits, or steam clean above 65°C



### EMULSION COMPATIBILITY AND LIMITATIONS (UNDERGROUND MINING)

Pirtek Protect Lanolin lubricant and anti-seize greases offer long term protection, even in the harshest conditions. They protect, lubricate, penetrate and displace.

In the harsh environment that is underground mining using longwall equipment, machinery in the longwall is subject to mine waters and emulsions. It is important to lubricate moving parts and O-rings in the machinery to ensure that the equipment is kept running smoothly and to prolong the life of the machinery.

Pirtek Protect lanolin lubricant and anti-seize grease do just that!

Independent tests have been performed for both the lanolin lubricant and the anti-seize grease. Both products were each added with longwall emulsions at a set concentrate, based on the upper limit that might be reached in field application. Both products passed an O-ring swell test and thermal stability test.

- The O-ring swell test consisted of an O-ring immersed in the lanolin lubricant mixed with a longwall emulsion, and an O-ring immersed in the anti-seize grease mixed with a long wall emulsion. The O-rings were left in the mix for 56 days at 70°C. At the end of the test date, both O-rings were found to have no significant difference in swell.
- The thermal stability test was performed on both the Protect Lanolin lubricant and anti-seize grease, to test the oil separation when these products were added to the longwall emulsion.
- The stability tests were conducted for 168 hours at 70°C. At the end of the test period, there was no oil separation in either product.
- Excessive application of Lanolin grease to fittings and threads in a hydraulic system has been reported to cause precipitation of the grease in low-flow areas such as pilot systems. This can lead to a collection of microscopic debris that may cause problems with valve operation

***As a result of the this last point, the Protect lanolin product should not be allowed to come in contact with longwall emulsion hydraulic fluid. Its use should be restricted to lubrication of mechanical and electrical components external to the emulsion***

### FLASH POINT

Flash Point Approval has been granted to the range of Lanolin Products in accordance with Australian Standards AS2106.2:1999, using the Pensky-Martens apparatus.

Flash Point approval testing of the Lanolin Products was conducted and the approval has been granted by the Department of Mineral Resources Mine Safety Laboratory of New South Wales to Australian Standards AS2106.2:1999 in a controlled laboratory environment. The Department of Mineral Resources has also assessed the Material Safety Data Sheets (MSDS) Industrial Grade, approval has also been granted as all MSDS are compiled to the criteria of Worksafe Australia guidelines.

Flash Point testing has been undertaken to ensure that its products are safe to use in the mining industry for both Open Cut and Underground operations.



# LANOLIN PROTECT

## RECOMMENDED APPLICATIONS



### OVERVIEW

#### Aerosols :

- Electrical connectors
- Lubricant for drilling, cutting, machining and pressing
- Welding anti spatter
- Component preservation
- Vehicle rust protection
- Lubrication of light chains
- Air tool lubrication
- Locks and hinges
- Rejuvenates plastics, vinyls, aluminium & powder coating
- Reduce oxidation during shipping

#### Sprayable Liquids:

- Harsh & corrosive environments
- Heavy chain & wire rope (non sling & non webbing)
- High speed and load bearing chains
- Battery terminals & connectors e.g. electrical fork trucks
- Assembly lube for rubber hoses & multi pin plugs
- Preservation & protect motors & bearings
- Outside storage protection

#### Greases:

- Food grade certified
- Non conductive to 70KV
- Rubber grease, non perishing, excellent belt grip
- Welding nozzle dip
- Drilling & cutting aid
- All purpose lubricant
- Anti-seize for nuts & bolts
- Metal to metal soft seal gasket
- Stop galling of st. steel & alumin.
- Stops electrolysis of dissimilar metals

#### Release Agents:

- Concrete form work
- Water resistant
- Self healing
- Stops swelling of timber end grain
- Less cleanup after stripping
- Extends formwork life
- No damage to the environment

### MINING

Pirtek Protect products are ideal in the mining environment because they provide what is effectively a hermetic seal or encapsulation of the targeted equipment. This protective film offers:

- environmental friendliness
- safety for workers
- non-toxicity
- superior dielectric performance
- long term pro-active protection
- Reduced acid etching
- great lubrication and anti-seize properties
- reduced hydrolysis
- reduced dismantling time and improved safety
- better opportunities for maintenance and therefore reduced downtime
- easy clean up

#### Use it on

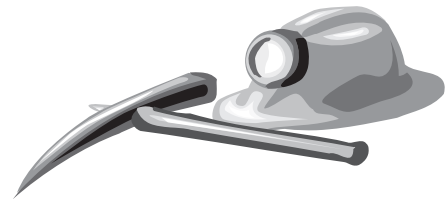
- Roof Bolters - Drive chains, fittings, linkages and guides
- Rib Bolters - Drive gears, fittings, linkages
- Miner- Drive chains, chassis and protective covers, linkages, fittings, actuator pins, mounting bolts, electrical equipment and connections
- Shuttle Car- Universals and drive chains, linkages, fittings, cable level wind system, chassis, electrical equipment and connections, haulage chains and flight bars, mounting bolts, actuator pins and sprockets
- Mobile boot end- Drive chains, track adjustment bolts, guides, fittings, linkages, hinges and electrical equipment, chassis and protective covers
- Pumps and fan systems- linkages, protective covers, pump/fan housing, electrical equipment and fittings
- Conveyor Belts- Chains, shackles, turn buckles, electrical equipment, loop take up system, wire cables fittings, rollers, hanging brackets, pins, drive units, nuts/bolts, belt stands and rails

#### Long Wall Mining Operation

- Chock Supports- Linkages and electrical equipment
- Actuator pins, actuators, relay bars and guides
- Alternating Face Conveyor- Electrical equipment (motors etc), dog bone bolts, chain drives, sprockets, linkages, guides, threads (except hydraulic), main gate and tail gate drive units
- Stage Loader and Crusher Unit- Linkages, electrical equipment, guides, threads (except hydraulic) and bolts
- Pump Station- Pumps (except internal), electrical motors, filters, threads (except hydraulic) and bolts
- Conveyor Belts- Chains, shackles, turn buckles, loop take up system, electrical equipment, fittings (except hydraulic), wire cable, rollers, hanging brackets, pins, drive units, belt stands and rails

#### Washing or Screening Plant

- Conveyor belts- Electrical equipment, chains, shackles, wire cables, loop take up system, fittings, hanging brackets, pins, belt stands and rails
- Electrical Equipment- Motors, fittings, connections, lighting, camera surveillance systems, transformers, circuit breakers and distribution panels
- Screening & washing system- Electrical equipment, drive units, chains, wire rope, pins, fittings, slides, nuts & bolts



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

# LANOLIN PROTECT

## RECOMMENDED APPLICATIONS



### METAL PRESERVATION

The metal preservation properties of Lanolin date back to ancient times. With modern refinement methods, Pirtek Protect offers you a product that can assist in so many ways. Machined, fabricated or ground components can be hermetically sealed against oxidization.

#### Benefits:

- Hermetic component preservation
- Remains pro-active
- Resists acid etching
- Great anti-seize properties
- Non-toxic lanolin film
- Easy clean up

#### Technical:

- Remove all oxidation or existing scale (e.g. wire brush)
- All surfaces must be dry and clean prior to coating
- Due to its pro-active properties, Pirtek Protect's protective coating will remain operative until removed
- A thin film of Pirtek Protect should be applied to all metal surfaces prior to storage. Lambswool pads may also be used to apply spray to components
- Pirtek Protect Products will preserve all joints and fittings for ease of servicing
- Clean off with steam cleaner or hot soapy water wash above 60°C



### WELDING

Pirtek Protect can save you many hours of lost production time by taking away those annoying and costly problems of Spatter!!! Also helps preservation of weld seams and plating.

#### Benefits:

- Reduction of embrittlement
- Base metal protection
- Component anti-spatter release agent
- Anti-spatter agent for fabrication workbenches
- Spatter release agent for welding head
- Reduces hydrolysis
- Easy to remove (Hot water wash above 60°C)

#### Technical:

Pirtek Protect is recommended for all welding situations

- For MIG shields, dip the heated end of the hand-piece in Protect to prevent spatter adhesion. Repeat as necessary
- All Pirtek Protect should be left for 30 seconds to allow the hydrocarbon solvent to evaporate prior to welding
- Pirtek Protect should only be applied while welds are still hot (but only if weld surface temperature is  $\leq 195^{\circ}\text{C}$ )
- For best results the ideal application temperature is above 65°C
- Pirtek Protect can penetrate up to 10 microns in mild steel at approximately 65°C.



# LANOLIN PROTECT

## RECOMMENDED APPLICATIONS



### MARINE COATING

#### Benefits

Hull protection:

Pirtek Protect is not and has no anti-foul qualities, but will reduce water drag factors

An ideal marine coating because of its proven ability to resist acid etching, i.e. barnacles. Subsequent re-application requires no special hull treatment such as sanding/grinding etc. Slipway or hardstand time is reduced due to the saving in preparation and spray application time

Virtually eliminates electrolysis – a little spray will stop this expensive killer

Drastically reduces bacterial attachments, thereby saving our waterways from the toxic cocktails caused by some traditional anti-fouls

Resistant to acid etching

Base metal penetration

Pro-active ability

Reduces hydrolysis

Also good for:

Outboard legs Sail Drives Bow Thrusters

Stern Drives Log Spigots Intake Pick-up Grates

Propellers

Buoys

#### Preparation

All equipment which has been in sea water, should first be washed down with liquid chlorine (3:1).

All boat hulls must be washed down with liquid chlorine (3:1) to kill any microscopic spore.

*Fibreglass hulls:* For new or previously untreated hulls a Gelcote sealer should be applied if one has not been applied previously, prior to applying Pirtek Protect. The surface must be CLEAN and DRY. Pirtek Protect should not affect the Gelcote sealer used on fibreglass hulls and there have been no reported instances where Pirtek Protect has reacted with a Gelcote sealer coating. If you are unsure about applying Pirtek Protect it is recommended that an inconspicuous section be coated to test for reactivity. If reaction occurs please do not apply Pirtek Protect.

*Aluminium hulls:* The surface must be CLEAN and DRY. If heavy oxidation exists, remove with aluminium cleaner, and then apply Pirtek Protect.

*Previously anti-fouled hulls:* Remove marine growth and loose anti-foul particles thoroughly. Surface must be CLEAN and DRY before application of our Pirtek Protect

*Propellers:* Clean propeller or fitting back to base metal and wash with a liquid pool chlorine at 3:1 ratio to kill any microscopic spore. (very important)

#### Application

Pirtek Protect Coating can be applied by:

(a) Sprays (including airless)

(b) Roller or brush

Generally 1 or 2 coats are sufficient.

Always allow evaporation time between coats and before launching. Remember Protect always remains tacky until submerged

*Propellers:* It is preferable to heat the metal to between 65°C to 100°C. Liberally apply Pirtek Protect Grease directly onto the hot components and rub in where practical.

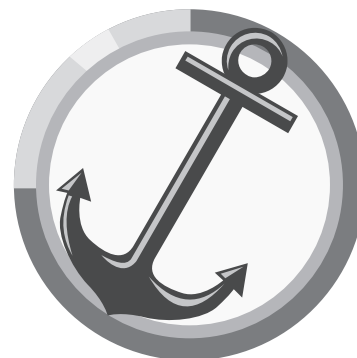
#### Re-application

Clean off with steam cleaner or hot pressure wash. Surface may be cleaned by using Surface Prep or by hand scrubbing with hot water above 60°C.

When CLEAN and DRY, re-apply as per instructions

#### Maintenance

All moored hulls MUST be visually inspected, and the hull wiped down every 4– 6 weeks if required.





# LANOLIN PROTECT

## RECOMMENDED APPLICATIONS



### AROUND THE HOME

Pirtek Protect products are ideal in the mining environment because they provide what is effectively a hermetic seal or encapsulation of the targeted equipment. This protective film offers:

- Stop squeaks from hinges on gates, doors and children's toys
- Having trouble again with that key in a padlock or door one, quick squirt protects and lubricates for long periods
- Lubricate sliding doors to restore smooth action
- Oil the bike chain and coat the bike preventing rust, Pirtek Protect works as well as a polish without the elbow grease
- Rejuvenate those dried out seals on pool pumps and filters
- Lubricate tracks for garage doors ensuring trouble free operation
- Protect your valuable tools from rust and corrosion
- Release those rusted up nuts and bolts in seconds

### Antennas / aerials

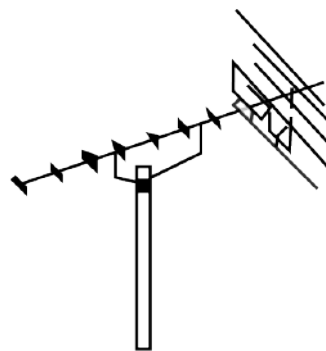
Due to the composition of dissimilar metals and high thermal cycling rates, antennas / aerials can benefit greatly from an application of Pirtek Protect, especially in severe corrosive environments.

#### Benefits

- Penetrates joints
- Penetrates base metals
- Reduces electrolysis
- No seizing of fittings
- The oxidization process is retarded

#### Technical

- Remove all flaking and oxidation with a wire brush.
- Apply Pirtek Protect to the antenna installation.
- Before application all components must be dry and should be carried out on a warm to hot day for best results.
- Pirtek Protect can be used as an anti-seize during installation on all bolts and nuts to protect and extend the life of your antenna.
- Non-conductive to 70KV but will not impede electrical contacts



Compatible with IAA471-200

## TST1210

### THREAD SEALING TAPE



| Product Code | Description                                 | Dimensions               |
|--------------|---|--------------------------|
| TST1210      | PTFE thread sealing tape - Pack of 10 rolls | 12 mm Wide x 10 mtr long |

- White in colour
- Compatible with hydraulic fluids, air, water and most chemicals
- Temperature range -100°C to +250°C
- Pressure rating up to 2,500 psi for higher pressures use IAS57 (rated up to 10,000 psi)



# PROTECT

## INDUSTRIAL ASSEMBLY PRODUCTS

REFER PIRTEK FOR MSDS SHEETS



### Threadlockers :

#### Product Codes:

**IAT43** in 10 ml and 50 ml bottles

#### Medium Strength Blue IAT43 Nut Lock

##### Description

Protect IAT43 is an anaerobic formulation designed to be used on parts in an "As Received" condition, such as those with protective films (oils) etc.

##### Applications

Designed for direct application onto as received parts where a light oily film exists or where surrounding parts contamination is a problem in maintenance

##### Useful Hint

Where possible, remove thick deposits of grease or dirt, however IAT43 will penetrate the film once it has been tightened

##### Properties

Use as a conventional medium strength Locker on cleaned parts with strengths up to 12N/mm<sup>2</sup> or as a convenient all purpose locker on oily parts with 8-10/mm<sup>2</sup> typical strength depending on oil type and film

##### Procedure for Application

Product is normally hand applied from the bottle. Full cure time 24 hours

##### Compatible Accelerators / Primers

Compatible with IAA471-200

##### Technical Features

|                           |                  |
|---------------------------|------------------|
| Resin.....                | Mod Methacrylate |
| Colour.....               | Blue Thixotropic |
| Cure Speed.....           | <15 mins @ 20°C  |
| Viscosity.....            | 2500-5000        |
| Thixotropic Gap Fill..... | 0.1mm            |
| Flash Point.....          | >85°C            |
| Life.....                 | 12 months @ 20°C |
| Specific Gravity.....     | 1.04             |
| Max. Operating Temp.....  | -53°C to + 150°C |



### Threadlockers:

#### Product Codes:

**IAT77** in 10 ml and 50 ml bottles

#### High Strength Red IAT77 Stud Lock

##### Description

IAT77 is an anaerobic locking compound in the form of a viscous paste and it is used to give high strength locking action

##### Applications

Mostly for fasteners of 25 mm (1" size) and above. Examples include

- Studs on Pressure Vessels
- Studs on Locomotive Units
- Hydraulic Studs on Presses
- Rock Crusher Studs
- Crawler Track Studs

##### Useful Hint

To speed cure or to help cure in cold conditions, use IAA471 Activator on parts

##### Properties

High Torque: 23.7 N-m (210 ins. lbs)

Breakloose / Prevailing Torque: 34 N-m on rotation through 180 degrees

##### Procedure for Application

Product is normally hand applied from the bottle. Ensure parts are clean, dry and free from oil and grease

##### Compatible Accelerators / Primers

IAA471 Activator can be used, but up to 30% strength reduction may be incurred

##### Technical Features

|                                     |                  |
|-------------------------------------|------------------|
| Resin: .....                        | Dimethacrylate   |
| Colour: .....                       | Red              |
| Fixture Speed with Activator: ..... | <10 mins/6 hours |
| Cure Speed without Activator: ..... | 1 hour/24 hours  |
| Viscosity: .....                    | 6500 cps         |
| Gap Fill: .....                     | 0.010"           |
| Flash Point: .....                  | >85°C            |
| Shelf Life: .....                   | 12 months @ 20°C |
| Specific Gravity: .....             | 1.10             |
| Max. Operating Temp. ....           | -50°C to +150°C  |



### Surface Preparation:

#### Product Code:

**IAA471-200** in 200 ml Aerosol

#### Structural Activator for Anaerobics

##### Description

IAA471 Aerosol assists in speeding up the cure time of all anaerobic fluids and pastes and extends the cure through volume (especially suited to Pirtek Protect IAT43 and IAT77 threadlockers).

##### Applications

Use IAA471 when materials are inactive (plastics or passivated metals) or where temperature is under 15°C.

##### Physical Properties

Standard Grade Solvent:.....Heptane Based

Evaporation:.....60 seconds

Flammability:.....Flammable

##### Technical Features

Odour.....Characteristic Odour

Viscosity.....Non-Viscous

Flash Point:.....17°C

Boiling Point.....56-57°C

Flash Point.....-17 °C

Solubility in Water.....Slightly Soluble



Consult Pirtek for MSDS  
Sheets for all Industrial  
Assembly Products

# PROTECT

## INDUSTRIAL ASSEMBLY PRODUCTS

### REFER PIRTEK FOR MSDS SHEETS



IAS69-50



#### Sealing & Gasketing :

##### Product Codes:

**IAS69** in 50 ml bottle

#### High Strength Hydraulic Sealant - Brown

##### Description

IAS69 Hydraulic Seal is an anaerobic liquid which cures to form a tough, high pressure seal on all types of threaded couplings used on low, medium and high pressure lines

##### Applications

IAS69 is used for all types of hydraulic connections, sealing against typical pressure line ratings. Use Hydraulic Seal to fit valves, threaded couplings, adaptors, quick disconnect parts, compression fittings and vibration proofing joints. Designed for direct application onto as received parts where a light oily film exists or where surrounding parts contamination is a problem in maintenance

##### Useful Hint

For fast cure, clean parts and apply local heat to joints with a heat gun or soft flame

##### Properties

IAS69 is tolerant of a light oil film. Seals up to 400bar, 20mm fittings, and makes vibration proof joints

##### Procedure for Application

Product is normally hand applied from the bottle. Ensure parts are clean, dry and free from oil and grease. Full cure in 12 hours

##### Compatible Accelerators / Primers

IA471 Activator can be used, but up to 30% strength reduction may be incurred

##### Cured Performance

ISO10964 Break/Prevailing Strgth.. 15/≥8 N.m

DIN54454 Break/Prevail.. Strgth.24/15-35 N.m

##### Technical Features

Resin.....Dimethacrylate  
 Colour.....Brown  
 Cure Speed With Activator.....<5 minutes  
 Cure Speed Without Activator...10-20 minutes  
 Brookfield RVDVII + @ 20C.  
 Spindle 5 @ 20rpm.....400 to 800cps  
 Gap Fill.....0.05mm to 0.25mm  
 Flash Point.....>100°C  
 Shelf Life.....12 months @ 20°C  
 Specific Gravity.....1.06  
 Max Operating Temp. .... -55°C to + 150°C

IAS72-50



#### Sealing & Gasketing:

##### Product Codes:

**IAS72** in 50 ml tube

#### Low Pressure Pipe Seal - White

##### Description

IAS72 White Pipesel is an instant low pressure sealant for fine and coarse threads up to 2" in diameter. S72 does not fully cure until some 60 hours after application, allowing re-alignment of elbows and joints

##### Applications

Replaces tapes and dopes, stops gas and fluid leaks on most metals and assists in lubricating during assembly. IAS72 will not shred or tear which would contaminate your system. Use IAS72 to seal against oils, gases, chemicals, water, steam etc.

##### Useful Hint

Wipe threads with clean shop cloth. Apply a continuous bead to 3rd or 4th thread depending on the thread length

##### Properties

Instantaneous low pressure seal. No locking action up to 48 hours. Easy break loose allowing re-alignment

##### Procedure for Application

Ensure parts are clean, dry and free from oil and grease. Degreasing directly assists results

##### Compatible Accelerators / Primers

Not recommended

##### Technical Features

Resin.....Dimethacrylate  
 Colour.....White Paste  
 Cure Speed w/ Activator...Not Recommended  
 Cure Speed W/out Activator.....Up to 60 hours  
 Viscosity .....20,000cps  
 Gap Fill.....0.4mm  
 Flash Point.....>85°C  
 Shelf Life.....12 months @ 20°C  
 Specific Gravity.....1.25  
 Max Operating Temp. ....-55°C to + 150°C

IAS55-50



#### Sealing & Gasketing:

##### Product Code:

**IAS55** in 50 ml tube

#### Designer Gasket - Purple Paste

##### Description

Flange Seal Type IAS55 is a purple, smooth, thick paste. Easily applied, it cures once confined between the parts to form in place a tough, flexible gasket. IAS55 gives an instant low pressure seal

##### Applications

IAS55 is used for fuel and water pumps, split crank cases on engines, gearbox covers, engine thermostats, air compressor end caps, engine timing cam covers onto blocks, pump couplings, fuel tanks on small implements, chainsaws, lawn mowers etc. Use IAS55 for dressing gaskets, spacers etc.

##### Useful Hints

Where gap size is large or where the surface is uneven, apply IA471 Activator to help the product cure through volume. IAS55 can be roller coated, screen printed, traced or pad applied.

##### Properties

Instant low pressure sealant. Forms any size or shape. Will not shrink or relax. IAS55 is flexible and will not crack

##### Procedure for Application

Product is normally hand applied from the tube. Ensure parts are clean, dry and free from oil and grease

##### Compatible Accelerators / Primers

IA471 Activator can be used, but up to 20% strength reduction may be incurred

##### Cured Performance

Full Cure Time:.....12 hours  
 Tensile Strength:.....8 N/mm<sup>2</sup>  
 Static Shear Strength.....12.5 N/mm<sup>2</sup>  
 Technical Features  
 Resin.....Modified Urethane Acrylate  
 Colour.....Purple Paste  
 Cure Speed With Activator.....<2 hours  
 Cure Speed Without Activator...Up to 12 hours  
 Viscosity .....>1,000,000cps  
 Gap Fill.....0.5mm  
 Flash Point.....>100°C  
 Shelf Life.....12 months @ 20°C  
 Specific Gravity.....1.10  
 Max Operating Temp. ....-55°C to + 150°C



# PROTECT

## INDUSTRIAL ASSEMBLY PRODUCTS

### REFER PIRTEK FOR MSDS SHEETS



ACCESSORIES

INDUSTRIAL ASSEMBLY



#### Sealing & Gasketing :

##### Product Codes:

**IAS77** in 50 ml tube

##### High Strength Gas Pipe Seal - Yellow

##### Description

Protect IAS77 is a high viscosity thixotropic gel paste which cures rapidly, sealing instantly to 10 bar through its anaerobic cure system in contact with metals in the absence of air (oxygen). When fully cured it resists pressure up to 350 bar. IAS77 is not suitable for oxygen systems. AGA Certificate 6900

##### Applications

Typical applications are in sealing of all types of threaded connections against water, oil, gases and most common materials conveyed by pipes

##### Useful Hint

When cure speed is extended due to low temperatures or inactive surfaces, activator can be used. Best results are found if IAS77 is applied to 2nd or 3rd threadform. Excess can be wiped away, any migration into lines will not solidify and can be flushed away during commissioning

##### Properties

Fast cure to fixture usually <15 mins. @ 20°C

Temperature range: -50°C to +150°C

Typical Strength: 5 N/mm<sup>2</sup>

Sizes 6mm up to 75mm (coarse)

Increase of gap size or fit extends the cure time

##### Procedure for Application

Product is normally hand applied from the bottle. Ensure parts are clean, dry and free from oil and grease. Full cure 6-12 hours

##### Compatible Accelerators / Primers

IA471 Activator can be used, but up to 30% strength reduction may be incurred

##### Technical Features

Resin: .....Dimethacrylate

Colour: .....Yellow

Cure Speed with Activator: .....<10 minutes

Cure Speed w/o Activator:.....<15 mins @ 20°C

Viscosity: .....>50,000 cps

Gap Fill: .....0.05mm to 0.4mm

Flash Point: .....>100° C

Shelf Life: .....12 months @ 20°C

Specific Gravity: .....1.09

Max. Operating Temp. ....+150°C



#### Sealing & Gasketing:

##### Product Codes:

**IAS57** in 50 ml tube

##### PTFE Instant Pipe Sealant

##### Description

Protect IAS57 Instant Pipe Sealant is an easy to use anaerobic pipe sealant which sets fast to give an instant low pressure seal of 100 psi and a high pressure seal of 10000 psi when fully cured. This high strength product provides 100% sealing capability and does not shrink after curing, unlike more traditional solvent based pipe dopes.

##### Applications

IAS57 Instant Pipe Sealant with Teflon lubricates parts during assembly. The cure system allows for realignment of parts up to 24 hours from application. This product can be used on most hydraulic, pneumatic, oil, water and gas connections.

##### Useful Hint

Ensure parts are clean, dry and free from oil and grease.

##### Cured Performance

Full Cure Time:.....24 hours @ 20°C

Shear Strength.....10000 psi

##### Procedure for Application

Product is normally hand applied from the tube or brushed directly onto threaded parts. Primers such as IA471 (Standard Anaerobic Activator) can be used. However up to 20% strength loss can occur when using accelerators.

##### Technical Features

Resin ..... Dimethacrylate

Colour .....White

Fixture Speed w/Activator.....<10mins

Fixture Speed w/out

Activator.....4 hour

Visco.....300,000 – 400,000cps

Gap Fill.....0.254mm

Shelf Life.....12 months @ 20°C

Max. Operating Temp. ....-54°C to + 200°C



#### Retaining:

##### Product Code:

**IAR41** in 10 ml and 50 ml bottles

##### Medium Strength Bearing Fit - Yellow

##### Description

Bearing Fit IAR41 is a single part anaerobic securing compound, designed for fitting cylindrical metal assemblies and cures when confined between the parts

##### Applications

Protect IAR41 will secure all types and sizes of bearings, shafts and cylindrical parts which will require disassembly in the future. IAR41 is of medium strength and is colour coded yellow for job identification

##### Useful Hint

To speed cure or to help cure in cold conditions, use IA471 Activator on parts

##### Properties

Fast cure usually <15 mins. @ 20°C

Medium strength removable compound

Typical Strength: 12 N/mm<sup>2</sup>

##### Procedure for Application

Product is normally hand applied from the bottle. Ensure parts are clean, dry and free from oil and grease. Full cure 12 hours

##### Physical Properties

Standard Grade Solvent:.....Heptane Based

Resin.....Mod. Dimethacrylate

Colour.....Yellow

Cure Speed With Activator.....<5 minutes

Cure Speed Without Activator....10-15minutes

Viscosity.....1500 cps

Gap Fill.....0.2 mm

Flash Point.....>100°C

Shelf Life.....12 months @ 20 C

Specific Gravity.....1.06

Operating Temp.....-55°C to + 150°C



Consult Pirtek for  
MSDS Sheets  
for all Industrial  
Assembly Products



This page is part of a complete catalogue containing technical and safety data.

All data must be reviewed when selecting a product.

Pirtek reserve the right to change technical specifications without notice.

# PROTECT

## INDUSTRIAL ASSEMBLY PRODUCTS

### REFER PIRTEK FOR MSDS SHEETS



IAR62-50

IAR62-10



#### Retaining :

##### Product Codes:

**IAR62** in 10 ml and 50 ml bottles

##### High Strength / High Temperature

##### Description

IAR62 Retainer is rated up to 232°C as the upper operational temperature and is designed for bonding/securing in a high strength manner, all types of cylindrically fitted parts

##### Applications

Protect IAR62 is used on all types of applications where temperatures exceed the design features of conventional Retainers, above 150°C. It develops high strength at elevated temperatures.

##### Useful Hint

Speed cure IAR62 by applying a localised heat with a heat gun or by placing parts in an oven @ 100°C for 30 minutes. Pre-heating of parts also accelerates the fixture and ultimate final cure

##### Properties

Good gap fill ability. Elevated upper temperature limits. Resistant to 3000 psi shear

##### Procedure for Application

Product is normally hand applied from the bottle. Ensure parts are clean, dry and free from oil and grease. Full cure in 24 hours

##### Compatible Accelerators / Primers

IA471 Activator can be used, but up to 30% strength reduction may be incurred

##### Cured Performance

Typical Breakaway Strength:.....20 N/mm<sup>2</sup>

##### Technical Features

|                                   |                     |
|-----------------------------------|---------------------|
| Resin.....                        | Mod. Dimethacrylate |
| Colour.....                       | Green               |
| Cure Speed With Activator.....    | 10 minutes          |
| Cure Speed Without Activator..... | 30 minutes          |
| Viscosity.....                    | 7000 cps            |
| Gap Fill.....                     | 0.4 mm max.         |
| Flash Point.....                  | >85°C               |
| Shelf Life.....                   | 12 months @ 20°C    |
| Specific Gravity.....             | 1.08                |
| Max. Operating Temp.....          | -55°C to + 232°C    |

IACA41-25



#### Instant Bonding:

##### Product Codes:

**IACA41** in 25 ml bottle

##### Quick Bonding

##### Description

IACA41 is a hybrid quality Cyanoacrylate which is surface insensitive and bonds to a wide variety of materials including wood, paper, cardboard, leather, fabrics etc. Bond times vary according to the substrates but are generally faster than normal superglues

##### Applications

Typical applications include wood trim on furniture, balsa wood bonding for hobbyists, leather accessories on shoes, fabric bows on shoes and lampshade bonding.

Other features include versatile bonding or most elastomers, metals and plastics

##### Useful Hint

On elastomer bonding and some plastics, residues or release agents on surfaces should be removed by wiping with a solvent cleaner

##### Properties

|                          |                      |
|--------------------------|----------------------|
| Steel to Steel:.....     | 20 N/mm <sup>2</sup> |
| Rubber to Rubber .....   | 10 N/mm <sup>2</sup> |
| Plastic to Plastic ..... | 15 N/mm <sup>2</sup> |

##### Procedure for Application

Ensure parts are clean, dry and free from oil and grease. Apply sparingly to one side and hold parts until handling strength is achieved (typically less than 15 seconds)

##### Compatible Accelerators / Primers

Primers such as A021 or Double Strength A113 as accelerators for fillet cure for priming absorbent surfaces (available from Pirtek to order)

##### Technical Features

|                               |                  |
|-------------------------------|------------------|
| Resin.....                    | Modified Ethyl   |
| Colour.....                   | Clear            |
| Cure Speed W/ Activator..     | Not Recommended  |
| Cure Speed W/o Activator..... | <10 seconds      |
| Viscosity.....                | 120cps           |
| Gap Fill.....                 | 0.1mm            |
| Flash Point.....              | >85°C            |
| Shelf Life.....               | 12 months @ 20°C |
| Specific Gravity.....         | 1.05             |
| Operating Temp. ....          | -60°C to + 80°C  |

IACA60-25



#### Instant Bonding:

##### Product Code:

**IACA60** in 25 ml bottle

##### High Strength Instant Adhesive

##### Description

IACA60, when compared to other low viscosity Cyanoacrylates, outperforms most products for cure speed, final cured strength and simply the wide range of difficult plastics and elastomers it can bond

##### Applications

For example, Nitrile, Neoprene and natural rubbers can be bonded in 1-2 seconds and all the bonds are stronger than the material itself. Plastics such as ABS, soft PVC, Polyacetal, EPT and EVA all bond in 1-2 seconds and the bonds are stronger than the material being bonded. Metals such as steel, aluminium, copper and brass all bond in under 5 seconds and the bond strengths are superior to other manufacturers low viscosity products

##### Useful Hints

Slower cures of up to 12 seconds are found on Polymethyl Methacrylate (PMMA), Bakelite, Polycarbonate and Viton rubber. Polyolefins can be treated with special preparations. Consult Pirtek re Product Data Sheet 25 when dealing with these difficult plastics

##### Properties

|                              |  |
|------------------------------|--|
| Speed: Plastics (most) ..... | <2 seconds   |
| Rubbers (most) .....         | <4 seconds   |
| Metals .....                 | <5 seconds   |
| Strength:.....               | Plastics to substrate failure                              |
| .....                        | Rubbers to substrate failure                               |
| .....                        | Metals >30 N/mm <sup>2</sup> (Shear 15 N/mm <sup>2</sup> ) |

##### Procedure for Application

For best results, degrease/abrade and make sure the surfaces are clean and free from dirt, dust and contamination such as mould release agents. Apply a thin film or drop to one surface only and bring parts together holding firmly for a few seconds until the parts achieve a handling strength. Remember one drop bonds about 25mm<sup>2</sup> and a 25 ml bottle has about 200 drops. 24 hours for full cure

##### Compatible Accelerators / Primers

Primers such as A021 or Double Strength A113 as accelerators for fillet cure for priming absorbent surfaces (available from Pirtek to order)

##### Technical Features

|                                   |                   |
|-----------------------------------|-------------------|
| Resin.....                        | Modified Ethyl CA |
| Colour.....                       | Clear             |
| Cure Speed With Activator.....    | Instant           |
| Cure Speed Without Activator..... | 1-5 seconds       |
| Viscosity.....                    | 20cps             |
| Gap Fill.....                     | 0.1 mm            |
| Flash Point.....                  | >85°C             |
| Shelf Life.....                   | 12 months @ 20°C  |
| Specific Gravity.....             | 1.06              |
| Max. Operating Temperature.....   | -60°C to + 90°C   |

# PROTECT

## INDUSTRIAL ASSEMBLY PRODUCTS

### REFER PIRTEK FOR MSDS SHEETS



IATDS198



#### TDS198 EPOXY :

Product Codes:

**IATDS198** in 180 mm x 20 mm Rod

**Aluminium Stick - Epoxy Putty**

##### Description

A hand kneadable, speciality epoxy putty that mixes in one minute to provide fast, permanent repairs to most aluminium surfaces. When applying it to surfaces it is necessary to work the material forcefully into the surface and apply pressure until adhesion begins to take effect. Lower temperature causes longer cure time. The handy rod form has the curing agent encapsulated in the contrasting colour base material. It's putty-like consistency eliminates drips and runs, providing "no mess" application with no tools required to use. The mixed epoxy turns from a silvery colour to "Alloy" upon curing and will not yellow upon exposure to UV light. After final cure, Aluminium Stick may be drilled, sawed, tapped, filed, sanded and painted. It allows patching in areas where welding is impossible.

##### Applications

After proper mixing, Aluminium Stick moulds like clay and may be used to permanently patch dents, scratches, cuts, gouges and holes in items such as housings and all types of repairs to mouldings and injection type shapes. Aluminium Stick is ideal for making emergency repairs to reforming, rebuilding and patching anything made out of aluminium such as HVAC parts, refrigeration units, air conditioning units, machine parts, alu-roofing, flagpoles, shelving, platforms, walkways, campers, vehicles, canopies, gutters, truck bodies, wheels, manifolds, stripped threads, marine hardware and casings.

##### Useful Hint

Mixing: Twist or cut off required amount. To mix, knead with fingers to a uniform colour. If mixing is difficult, warm the stick to room temperature or slightly above. Apply to the surface to be repaired (within 2 minutes of mixing). The mixed epoxy does not exhibit high bond strength at this point, but appears to be merely lying on the surface.

Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water. Work the material forcefully into the surface and apply pressure until adhesion begins to take effect.

For a smooth appearance, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening begins. After 15-20 minutes the epoxy will harden like metal and start to form a tenacious bond. After just 45 minutes IATDS198 is completely cured and can be drilled, sawed, carved, sanded, stained or painted.

##### Properties

Opening Time: ..... 5 minutes  
Max. Temp Resistance: ..... 120°C (150°C intermittent)  
Initial Cure: ..... 1 hour max.  
Full Cure Time: ..... 24 hours  
Lap Shear Strength (Steel): ..... 4.8 N/mm<sup>2</sup>  
Shore D Hardness: ..... 70/80  
Compressive Strength: ..... 84 N/mm<sup>2</sup> - 12,000 psi

##### Procedure for Application

Surface should be cleaned free of grease or dirt. Scuffing or sanding the surface prior to cleaning helps to ensure a good bond.

##### Technical Features

Resin: ..... Epoxide Light Silver  
Epoxy Resistance: ..... Hydrocarbons, ketones, esters, halo-carbons, alcohols, aqueous salt solutions and dilute acids and bases  
Electrical Resistance: ..... 30,000 mega Ohms  
Dielectric Strength (Steel): ..... 300 Volts/mil  
Shrinkage: ..... <1%  
Non-Volatile Content: ..... 100%  
Shelf Life: ..... >6 months @ 25°C

IATDS252



#### TDS252 EPOXY:

Product Codes:

**IATDS252** in 180 mm x 20 mm Rod

**Steel Stick - Epoxy Putty**

##### Description

Steel Stick is a hand kneadable, non rusting, steel reinforced epoxy putty that mixes in one minute to provide fast, permanent repairs to items made of ferrous and aluminium metals. It comes in a handy rod form with the curing agent encapsulated in the contrasting colour base material. It's putty-like consistency eliminates drips and runs, providing "no mess" application with no tools required to use. Steel Stick is black in colour after use.

##### Applications

After proper mixing, Steel Stick moulds like clay and may be used in many industrial and home Maintenance applications, including repair of iron pipes, tanks, tools and equipment, repair blow holes, holding and placement of fixtures and signs, repairs to moulds, patterns and castings, making prototypes, threadlocking, repair cracked castings, repairs to down spouts and gutters, light fixture installations, repairs to duct-work, anchor bolts, as well as countless other uses. The unused portion of Steel Stick will remain stable for years if protected from direct contact with the air, in cool conditions.

##### Useful Hint

Mixing. Twist or cut off required amount. To mix, knead with fingers to a uniform colour. If mixing is difficult, warm Steel Stick to room temperature or slightly above. Apply to the surface to be repaired (within 2 minutes of mixing). The mixed epoxy does not exhibit high bond strength at this point, but appears to be merely lying on the surface. Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water. When applying to a damp, wet or slowly leaking area, work the material forcefully into the surface and apply pressure until adhesion begins to take effect. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening begins. After 15-20 minutes the epoxy will harden like metal and start to form a tenacious bond. After just 45 minutes Steel Stick is completely cured and can be drilled, sawed, carved, sanded stained or painted.

##### Properties

Opening Time: ..... 3.5 minutes  
Max. Temperature Resistance: ..... 120°C (150°C intermittent)  
Initial Cure: ..... 1 hour max.  
Full Cure Time: ..... 24 hours  
Lap Shear Strength (Steel): ..... 6.2 N/mm(2)  
Shore D Hardness: ..... 80  
Compressive Strength: ..... 84 N/mm(2) - 12,000 psi

##### Procedure for Application

Surface should be cleaned free of grease or dirt. Scuffing or sanding the surface prior to cleaning helps to ensure a good bond.

##### Technical Features

Resin: ..... Epoxide  
Chemical Resistance: ..... Hydrocarbons, ketones, esters, halo-carbons, aqueous salt solutions and dilute acids and bases  
Electrical Resistance: ..... 30,000 mega Ohms  
Dielectric Strength (Steel): ..... 300 Volts/mil  
Shrinkage: ..... <1%  
Non-Volatile Content: ..... 100%  
Shelf Life: ..... >6 months @ 25°C



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.



# PROTECT

## INDUSTRIAL ASSEMBLY PRODUCTS

### REFER PIRTEK FOR MSDS SHEETS



IASIL-300



#### Silicone Sealant:

##### Product Codes:

**IASIL** in 300 ml Tube

##### High Temperature Silicon - Black

###### Description

IASIL RTV Silicone is a one part, easily applied, paste-like sealant that cures to form a high purity elastomer on exposure to atmospheric moisture. No primers or accelerators are needed. When cured, it resists most chemicals, high temperatures and exhibits excellent mechanical properties

###### Applications

All applications where a non-sag sealant of exceptional longevity is required to bond glass, metals, ceramics, wood stone etc. IASIL eliminates leakage, reduces noise, absorbs vibration, seals and bonds parts into a secure unit.

###### Useful Hint

Where surfaces require only a single sided bond, it is possible to treat the side not requiring adhesion with a release agent or simply apply petroleum jelly or oil. When cured torque up the parts to form a compressive seal

###### Properties

Cure rate is 3mm in 24 hours but is humidity and temperature dependant. The rate of cure can be accelerated by increasing the temperature (70°C max.) and increasing the humidity levels

###### Procedure for Application

Product is normally hand applied from the cartridge. Ensure parts are clean, dry and free from oil and grease. Full cure in 24 hours

###### Compatible Accelerators / Primers

Products are available to order for difficult surfaces. Please consult Pirtek

###### Cured Performance

Full Cure Time: .....24 hours maximum

Tensile Strength: .....200psi

Hardness : .....35 Shore A

Elongation : .....307%

###### Technical Features

Resin: .....Oxmie Silicone

Colour: .....Black

Cure Speed: .....Skin 5 mins

Shelf Life: .....9-12 months unopened

Specific Gravity: .....1.42

Operating Temperature: .....-65°C to +260°C

IAAA-500



#### Aluminium Anti-Sieze Lubricants:

##### Product Codes:

**IAAA** 500g

##### Aluminium Anti-Sieze - High Temp. 871°C

###### Description

IAAA Aluminium-Graphite Anti-Seize paste consists of uniform, fine flaked particles in a special blend of lubricants and oils. It is ideal for use on a wide range of industrial products to prevent seizing, galling and excessive wear.

###### Applications

Can be used on nuts, bolts screws, pipe threads, O-rings, shafts and hubs. Typical applications include conveyor systems, gear boxes, chains, cams, u-joints, sprockets and tracking.

Protects up to 980°C

Prevents seizing and galling of metals

Protects against harsh and corrosive environments

*Note that IAAA is not a high speed load carrying lubricant and is not recommended for ball or roller bearings.*

###### On Part Performance

Temperature: .....-53°C up to 871°C

Water Resistance: .....Excellent

Corrosivity: .....Very Low

Protection Level: .....Salt Water, Chemicals

###### Procedure for Application

Ensure parts are clean and dry, then simply apply by brush to provide instant protection.

###### Technical Features

Base: .....Highly Modified Synthetic Oil

Additives: .....Copper, Graphite, Aluminium,

Anti Corrosion Properties

Shelf Life: .....1½ Years

Consistency: .....Paste

Viscosity .....120K - 175K

Lubricity .k Factor .....0.18

Coefficient of Friction .....0.07 from 20°C - 760°C

Specific Gravity: .....app 1.3

Flash Point: .....>150°C

Texture: .....Smooth Paste

Meets or exceeds the requirements of MIL-A-907E specification and

conforms to GM -6108M



Consult Pirtek for MSDS  
Sheets for all Industrial  
Assembly Products



# TECHNICAL DATA

## CHEMICAL RESISTANCE TABLE - ANAEROBICS

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Abrasive Coolant  | G                    | G                   | G            | G     | G     |
| Acetaldehyde  | G                    | G                   | G            | G     | G     |
| Acetate Solvents  | G                    | G                   | G            | G     | G     |
| Acetamide   | G                    | G                   | G            | G     | G     |
| Acetic Acid   | G                    | G                   | G            | G     | G     |
| Acetic Acid <10%  | G                    | G                   | G            | G     | G     |
| Acetic Acid >10%  | -                    | -                   | -            | G     | -     |
| Acetic Acid - Glacial   | G                    | G                   | G            | G     | G     |
| Acetic Anhydride  | G                    | G                   | G            | G     | G     |
| Acetone   | G                    | G                   | G            | G     | G     |
| Acetylene (Liq. Phase)  | G                    | G                   | G            | G     | G     |
| Acid Clay   | G                    | G                   | G            | G     | G     |
| Acrylic Acid  | G                    | G                   | G            | G     | G     |
| Acrylonitrile   | G                    | G                   | G            | G     | G     |
| Activated Alumina   | G                    | G                   | G            | G     | G     |
| Activated Carbon  | G                    | G                   | G            | G     | G     |
| Activated Silica  | G                    | G                   | G            | G     | G     |
| Alcohol - Allyl   | G                    | G                   | G            | G     | G     |
| Alcohol - Amyl  | G                    | G                   | G            | G     | G     |
| Alcohol - Benzyl  | G                    | G                   | G            | G     | G     |
| Alcohol - Butyl   | G                    | G                   | G            | G     | G     |
| Alcohol - Ethyl   | G                    | G                   | G            | G     | G     |
| Alcohol - Furfuryl  | G                    | G                   | G            | G     | G     |
| Alcohol - Hexyl   | G                    | G                   | G            | G     | G     |
| Alcohol - Isopropyl   | G                    | G                   | G            | G     | G     |
| Alcohol - Methyl  | G                    | G                   | G            | G     | G     |
| Alcohol - Propyl  | G                    | G                   | G            | G     | G     |
| Alum - Ammonium   | G                    | G                   | G            | G     | G     |
| Alum - Chrome   | G                    | G                   | G            | G     | G     |
| Alum - Potassium  | G                    | G                   | G            | G     | G     |
| Alum - Sodium   | G                    | G                   | G            | G     | G     |
| Alumina   | G                    | G                   | G            | G     | G     |
| Aluminium Acetate   | G                    | G                   | G            | G     | G     |
| Aluminium Bicarbonate   | G                    | G                   | G            | G     | G     |
| Aluminium Bifluoride  | G                    | G                   | G            | G     | G     |
| Aluminium Chloride  | G                    | G                   | G            | G     | G     |
| Aluminium Sulfate   | G                    | G                   | G            | G     | G     |
| Ammonia Anhydrous   | U                    | U                   | U            | U     | U     |
| Ammonia Solutions   | U                    | U                   | U            | U     | U     |
| Ammonium Bisulfite  | G                    | G                   | G            | G     | G     |
| Ammonium Borate   | G                    | G                   | G            | G     | G     |
| Ammonium Bromide  | G                    | G                   | G            | G     | G     |
| Ammonium Carbonate  | G                    | G                   | G            | G     | G     |
| Ammonium Chloride   | G                    | G                   | G            | G     | G     |
| Ammonium Chromate   | G                    | G                   | G            | G     | G     |
| Ammonium Fluoride   | G                    | G                   | G            | G     | G     |
| Ammonium Fluorosilicate   | G                    | G                   | G            | G     | G     |
| Ammonium Formate  | G                    | G                   | G            | G     | G     |
| Ammonium Hydroxide  | G                    | G                   | G            | G     | G     |
| Ammonium Hyposulfite  | G                    | G                   | G            | G     | G     |
| Ammonium Iodide   | G                    | G                   | G            | G     | G     |
| Ammonium Molybdate  | G                    | G                   | G            | G     | G     |
| Ammonium Nitrate  | G                    | G                   | G            | G     | G     |
| Ammonium Oxalate  | G                    | G                   | G            | G     | G     |
| Ammonium Persulfate   | G                    | G                   | G            | G     | G     |
| Ammonium Phosphate  | G                    | G                   | G            | G     | G     |
| Ammonium Picrate  | G                    | G                   | G            | G     | G     |
| Ammonium Sulfate  | G                    | G                   | G            | G     | G     |
| Amnim. Sulfate Scrubber   | G                    | G                   | G            | G     | G     |
| Ammonium Sulfide  | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Ammonium Thiocyanate  | G                    | G                   | G            | G     | G     |
| Amyl Acetate  | G                    | G                   | G            | G     | G     |
| Amyl Amine  | G                    | G                   | G            | G     | G     |
| Amyl Chloride   | G                    | G                   | G            | G     | G     |
| Aniline   | G                    | G                   | G            | G     | G     |
| Aniline Dyes  | G                    | G                   | G            | G     | G     |
| Anodizing Bath  | G                    | G                   | G            | G     | G     |
| Antichlor Solution  | G                    | G                   | G            | G     | G     |
| Antimony Acid Salts   | G                    | G                   | G            | G     | G     |
| Antimony Oxide  | G                    | G                   | G            | G     | G     |
| Antioxidant Gasoline  | G                    | G                   | G            | G     | G     |
| Aqua Regia  | U                    | U                   | U            | U     | U     |
| Argon   | G                    | G                   | G            | G     | G     |
| Armeen  | G                    | G                   | G            | G     | G     |
| Arochlor  | G                    | G                   | G            | G     | G     |
| Aromatic Gasoline   | G                    | G                   | G            | G     | G     |
| Aromatic Solvents   | G                    | G                   | G            | G     | G     |
| Arsenic Acid  | G                    | G                   | G            | G     | G     |
| Asbestos Slurry   | G                    | G                   | G            | G     | G     |
| Ash Slurry  | G                    | G                   | G            | G     | G     |
| Asphalt Emulsions   | G                    | G                   | G            | G     | G     |
| Asphalt Molten  | G                    | G                   | G            | G     | G     |
| Bagasse Fibers  | G                    | G                   | G            | G     | G     |
| Barium Acetate  | G                    | G                   | G            | G     | G     |
| Barium Carbonate  | G                    | G                   | G            | G     | G     |
| Barium Chloride   | G                    | G                   | G            | G     | G     |
| Barium Hydroxide <10%   | G                    | G                   | G            | G     | G     |
| Barium Hydroxide >10%   | -                    | -                   | -            | G     | -     |
| Barium Sulfate  | G                    | G                   | G            | G     | G     |
| Battery Acid <10%   | G                    | G                   | G            | G     | G     |
| Battery Acid >10%   | -                    | -                   | -            | G     | -     |
| Battery Diffuser Juice  | G                    | G                   | G            | G     | G     |
| Bauxite (See Alumina)   | G                    | G                   | G            | G     | G     |
| Bentonite   | G                    | G                   | G            | G     | G     |
| Benzaldehyde  | G                    | G                   | G            | G     | G     |
| Benzene   | G                    | G                   | G            | G     | G     |
| Benzene Hexachloride  | G                    | G                   | G            | G     | G     |
| Benzene-Hydrochloric Acid   | G                    | G                   | G            | G     | G     |
| Benzoic Acid  | G                    | G                   | G            | G     | G     |
| Benzotriazole   | G                    | G                   | G            | G     | G     |
| Beryllium Sulfate   | G                    | G                   | G            | G     | G     |
| Bicarbonate Liquor  | G                    | G                   | G            | G     | G     |
| Bilge Lines   | G                    | G                   | G            | G     | G     |
| Bleach Liquor   | G                    | G                   | G            | G     | G     |
| Bleached Pulp   | G                    | G                   | G            | G     | G     |
| Borax (S) Liquors   | G                    | G                   | G            | G     | G     |
| Boric Acid  | G                    | G                   | G            | G     | G     |
| Brake Fluids  | G                    | G                   | G            | G     | G     |
| Brine Chlorinated   | G                    | G                   | G            | G     | G     |
| Brine (Cold)  | G                    | G                   | G            | G     | G     |
| Bromine Solution  | -                    | -                   | -            | -     | G     |
| Butadiene   | G                    | G                   | G            | G     | G     |
| Butyl Acetate   | G                    | G                   | G            | G     | G     |
| Butyl Alcohol   | G                    | G                   | G            | G     | G     |
| Butyl Amine   | G                    | G                   | G            | G     | G     |
| Butyl Cellosolve (S)  | G                    | G                   | G            | G     | G     |
| Butyl Chloride  | G                    | G                   | G            | G     | G     |
| Butyl Ether (Dry)   | G                    | G                   | G            | G     | G     |
| Butyl Lactate   | G                    | G                   | G            | G     | G     |
| Butyl Resin   | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Butyraldehyde   | G                    | G                   | G            | G     | G     |
| Butyric Acid <10%   | G                    | G                   | G            | G     | G     |
| Butyric Acid >10%   | -                    | -                   | -            | G     | -     |
| Cadmium Chloride  | G                    | G                   | G            | G     | G     |
| Cadmium Plating Bath  | G                    | G                   | G            | G     | G     |
| Cadmium Sulfate   | G                    | G                   | G            | G     | G     |
| Calcium Acetate   | G                    | G                   | G            | G     | G     |
| Calcium Carbonate   | G                    | G                   | G            | G     | G     |
| Calcium Chlorate  | G                    | G                   | G            | G     | G     |
| Calcium Chloride  | G                    | G                   | G            | G     | G     |
| Calcium Chloride Brine  | G                    | G                   | G            | G     | G     |
| Calcium Citrate   | G                    | G                   | G            | G     | G     |
| Calcium Ferrocyanide  | G                    | G                   | G            | G     | G     |
| Calcium Formate   | G                    | G                   | G            | G     | G     |
| Calcium Hydroxide   | G                    | G                   | G            | G     | G     |
| Calcium Lactate   | G                    | G                   | G            | G     | G     |
| Calcium Nitrate   | G                    | G                   | G            | G     | G     |
| Calcium Phosphate   | G                    | G                   | G            | G     | G     |
| Calcium Silicate  | G                    | G                   | G            | G     | G     |
| Calcium Sulfamate   | G                    | G                   | G            | G     | G     |
| Calcium Sulfate   | G                    | G                   | G            | G     | G     |
| Calcium Sulfite   | G                    | G                   | G            | G     | G     |
| Camphor   | G                    | G                   | G            | G     | G     |
| Carbitol  | G                    | G                   | G            | G     | G     |
| Carbolic Acid (Phenol) <10%   | G                    | G                   | G            | G     | G     |
| Carbolic Acid (Phenol) >10%   | -                    | -                   | -            | G     | -     |
| Carbon Bisulfide  | G                    | G                   | G            | G     | G     |
| Carbon Black  | G                    | G                   | G            | G     | G     |
| Carbon Tetrachloride  | G                    | G                   | G            | G     | G     |
| Carbonic Acid <10%  | G                    | G                   | G            | G     | G     |
| Carbonic Acid >10%  | -                    | -                   | -            | G     | -     |
| Carbowax (S)  | G                    | G                   | G            | G     | G     |
| Carboxymethyl Cellulose   | G                    | G                   | G            | G     | G     |
| Carnauba Wax  | G                    | G                   | G            | G     | G     |
| Casein  | G                    | G                   | G            | G     | G     |
| Casein Water Paint  | G                    | G                   | G            | G     | G     |
| Celite  | G                    | G                   | G            | G     | G     |
| Cellosolve (S)  | G                    | G                   | G            | G     | G     |
| Cellulose Pulp  | G                    | G                   | G            | G     | G     |
| Cellulose Xanthate  | G                    | G                   | G            | G     | G     |
| Cement DryAir Blow  | G                    | G                   | G            | G     | G     |
| Cement Grout  | G                    | G                   | G            | G     | G     |
| Cement Slurry   | G                    | G                   | G            | G     | G     |
| Ceramic Enamel  | G                    | G                   | G            | G     | G     |
| Ceric Oxide   | G                    | G                   | G            | G     | G     |
| Chalk   | G                    | G                   | G            | G     | G     |
| Chemical Pulp   | G                    | G                   | G            | G     | G     |
| Chestnut Tanning  | G                    | G                   | G            | G     | G     |
| China Clay  | G                    | G                   | G            | G     | G     |
| Chloral Alcoholate  | G                    | G                   | G            | G     | G     |
| Chloramine  | G                    | G                   | G            | G     | G     |
| Chlorinated Hydrocarbons  | G                    | G                   | G            | G     | G     |
| Chlorinated Paperstock  | G                    | G                   | G            | G     | G     |
| Chlorinated Solvents  | G                    | G                   | G            | G     | G     |
| Chlor Sulphuric Acid  | U                    | U                   | U            | U     | U     |
| Chlorinated Wax   | G                    | G                   | G            | G     | G     |
| Chlorine Dioxide  | U                    | U                   | U            | U     | U     |
| Chlorine Liquid   | U                    | U                   | U            | U     | U     |
| Chlorine (Dry)  | U                    | U                   | U            | U     | U     |



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

# TECHNICAL DATA

## CHEMICAL RESISTANCE TABLE - ANAEROBICS

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Chloroacetic Acid <10%  | G                    | G                   | G            | G     | G     |
| Chloroacetic Acid >10%  | -                    | -                   | -            | G     | -     |
| Chlorobenzene (Dry)   | G                    | G                   | G            | G     | G     |
| Chlorosulfonic Acid   | U                    | U                   | U            | U     | U     |
| Chrome Acid Cleaning <10%   | G                    | G                   | G            | G     | G     |
| Chrome Acid Cleaning >10%   | -                    | -                   | -            | G     | -     |
| Chrome Liquor <10%  | G                    | G                   | G            | G     | G     |
| Chrome Liquor >10%  | -                    | -                   | -            | G     | -     |
| Chrome Plating Bath <10%  | G                    | G                   | G            | G     | G     |
| Chrome Plating Bath >10%  | -                    | -                   | -            | G     | -     |
| Chromic Acid 10%  | G                    | G                   | G            | G     | G     |
| Chromic Acid 50% (Cold)   | U                    | U                   | U            | U     | U     |
| Chromic Acid 50% (Hot)  | U                    | U                   | U            | U     | U     |
| Chromium Acetate  | G                    | G                   | G            | G     | G     |
| Chromium Chloride   | G                    | G                   | G            | G     | G     |
| Chromium Sulfate  | G                    | G                   | G            | G     | G     |
| Classifier  | G                    | G                   | G            | G     | G     |
| Clay  | G                    | G                   | G            | G     | G     |
| Coal Slurry   | G                    | G                   | G            | G     | G     |
| Coal Tar  | G                    | G                   | G            | G     | G     |
| Cobalt Chloride   | G                    | G                   | G            | G     | G     |
| Copper Ammonium Formate   | G                    | G                   | G            | G     | G     |
| Copper Chloride   | G                    | G                   | G            | G     | G     |
| Copper Cyanide  | G                    | G                   | G            | G     | G     |
| Copper Naphthenate  | G                    | G                   | G            | G     | G     |
| Copper Plating(Acid Procs)  | G                    | G                   | G            | G     | G     |
| Copper Plating(Alk Procs)   | G                    | G                   | G            | G     | G     |
| Copper Sulfate  | G                    | G                   | G            | G     | G     |
| Core Oil  | G                    | G                   | G            | G     | G     |
| Corundum  | G                    | G                   | G            | G     | G     |
| Creosote  | G                    | G                   | G            | G     | G     |
| Creosote - Cresylic Acid  | G                    | G                   | G            | G     | G     |
| Cyanide Solution  | G                    | G                   | G            | G     | G     |
| Cyanuric Chloride   | G                    | G                   | G            | G     | G     |
| Cyclohexane   | G                    | G                   | G            | G     | G     |
| Cylinder Oils   | G                    | G                   | G            | G     | G     |
| De-Ionized Water  | G                    | G                   | G            | G     | G     |
| De-Ionized Water Low Conductivity   | G                    | G                   | G            | G     | G     |
| Detergents  | G                    | G                   | G            | G     | G     |
| Developer, photographic   | G                    | G                   | G            | G     | G     |
| Dextrin   | G                    | G                   | G            | G     | G     |
| Diacetone Alcohol   | G                    | G                   | G            | G     | G     |
| Diammonium Phosphate  | G                    | G                   | G            | G     | G     |
| Diamylamine   | G                    | G                   | G            | G     | G     |
| Diatomaceous Earth Slurr  | G                    | G                   | G            | G     | G     |
| Diazo Acetate   | G                    | G                   | G            | G     | G     |
| Dibutyl Oththalate  | G                    | G                   | G            | G     | G     |
| Dichlorophenol  | G                    | G                   | G            | G     | G     |
| Dichloro Ethyl Ether  | G                    | G                   | G            | G     | G     |
| Dicyandamide  | G                    | G                   | G            | G     | G     |
| Dielectric Fluid  | G                    | G                   | G            | G     | G     |
| Diester Lubricants  | G                    | G                   | G            | G     | G     |
| Diethyl Ether Dry   | G                    | G                   | G            | G     | G     |
| Diethyl Sulfate   | G                    | G                   | G            | G     | G     |
| Diethylamine  | G                    | G                   | G            | G     | G     |
| Diethylene Glycol   | G                    | G                   | G            | G     | G     |
| Diglycolic Acid   | G                    | G                   | G            | G     | G     |
| Dimethyl Formamide  | G                    | G                   | G            | G     | G     |
| Dimethyl Sulfoxide  | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Dioxane Dry   | G                    | G                   | G            | G     | G     |
| Dioxidene   | G                    | G                   | G            | G     | G     |
| Dipentene - Pinene  | G                    | G                   | G            | G     | G     |
| Diphenyl  | G                    | G                   | G            | G     | G     |
| Distilled Water(Indust)   | G                    | G                   | G            | G     | G     |
| Dowtherm (S)  | G                    | G                   | G            | G     | G     |
| Drying Oil  | G                    | G                   | G            | G     | G     |
| Dust - Flue (Dry)   | G                    | G                   | G            | G     | G     |
| Dye Liquors   | G                    | G                   | G            | G     | G     |
| Emery - Slurry  | G                    | G                   | G            | G     | G     |
| Emulsified Oils   | G                    | G                   | G            | G     | G     |
| Enamel Frit Slip  | G                    | G                   | G            | G     | G     |
| Esters General  | G                    | G                   | G            | G     | G     |
| Ethyl Acetate   | G                    | G                   | G            | G     | G     |
| Ethyl Alcohol   | G                    | G                   | G            | G     | G     |
| Ethyl Amine   | G                    | G                   | G            | G     | G     |
| Ethyl Bromide   | G                    | G                   | G            | G     | G     |
| Ethyl Cellosolve (S)  | G                    | G                   | G            | G     | G     |
| Ethyl Cellosolve Slurry(S)  | G                    | G                   | G            | G     | G     |
| Ethyl Formate   | G                    | G                   | G            | G     | G     |
| Ethyl Silicate  | G                    | G                   | G            | G     | G     |
| Ethylene Diamine  | G                    | G                   | G            | G     | G     |
| Ethylene Dibromide  | G                    | G                   | G            | G     | G     |
| Ethylene Dichloride   | G                    | G                   | G            | G     | G     |
| Ethylene Glycol   | G                    | G                   | G            | G     | G     |
| Ethylenediamine T   | G                    | G                   | G            | G     | G     |
| Fatty Acids   | G                    | G                   | G            | G     | G     |
| Fatty Acids Amine   | G                    | G                   | G            | G     | G     |
| Fatty Alcohol   | G                    | G                   | G            | G     | G     |
| Ferric - Flocc  | G                    | G                   | G            | G     | G     |
| Ferric Chloride   | G                    | G                   | G            | G     | G     |
| Ferric Nitrate  | G                    | G                   | G            | G     | G     |
| Ferric Sulfate  | G                    | G                   | G            | G     | G     |
| Ferrocence - Oil Sol  | G                    | G                   | G            | G     | G     |
| Ferrous Chloride  | G                    | G                   | G            | G     | G     |
| Ferrous Oxalate   | G                    | G                   | G            | G     | G     |
| Ferrous Sulfate 10%   | G                    | G                   | G            | G     | G     |
| Ferrous Sulfate (Sat)   | G                    | G                   | G            | G     | G     |
| Fertilizer Sol  | G                    | G                   | G            | G     | G     |
| Flotation Concentrates  | G                    | G                   | G            | G     | G     |
| Fluoride Salts  | G                    | G                   | G            | G     | G     |
| Fluorine/Gaseous/Liquid   | G                    | G                   | G            | G     | G     |
| Fluorolube  | G                    | G                   | G            | G     | G     |
| Fluosilic Acid  | G                    | G                   | G            | G     | G     |
| Flux Soldering  | G                    | G                   | G            | G     | G     |
| Fly Ash Dry   | G                    | G                   | G            | G     | G     |
| Foam Latex Mix  | G                    | G                   | G            | G     | G     |
| Foamite   | G                    | G                   | G            | G     | G     |
| Formaldehyde (Cold)   | G                    | G                   | G            | G     | G     |
| Formaldehyde (Hot)  | -                    | -                   | -            | -     | G     |
| Formic Acid (Dil Cold)  | G                    | G                   | G            | G     | G     |
| Formic Acid (Dil Hot)   | -                    | -                   | -            | -     | G     |
| Formic Acid (Cold)  | G                    | G                   | G            | G     | G     |
| Formic Acid (Hot)   | -                    | -                   | -            | -     | G     |
| Freon (S)   | -                    | -                   | -            | -     | G     |
| Fuel Oil  | G                    | G                   | G            | G     | G     |
| Fuming Nitric Red   | U                    | U                   | U            | U     | U     |
| Fuming Sulfuric   | U                    | U                   | U            | U     | U     |
| Fuming Oleum  | U                    | U                   | U            | U     | U     |
| Furfural  | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Gallic Acid <5%   | G                    | G                   | G            | G     | G     |
| Gallic Acid >5%   | -                    | -                   | -            | G     | -     |
| Gallium Sulfate   | G                    | G                   | G            | G     | G     |
| Gasoline - Acid Wash  | G                    | G                   | G            | G     | G     |
| Gasoline - Alk Wash   | G                    | G                   | G            | G     | G     |
| Gasoline Aviation   | G                    | G                   | G            | G     | G     |
| Gasoline Copper Chloride  | G                    | G                   | G            | G     | G     |
| Gasoline Ethyl  | G                    | G                   | G            | G     | G     |
| Gasoline Motor  | G                    | G                   | G            | G     | G     |
| Gasoline Sour   | G                    | G                   | G            | G     | G     |
| Gasoline White  | G                    | G                   | G            | G     | G     |
| Gluconic Acid   | G                    | G                   | G            | G     | G     |
| Glue - Animal Gelatin   | G                    | G                   | G            | G     | G     |
| Glue - Plywood  | G                    | G                   | G            | G     | G     |
| Glutamic Acid   | G                    | G                   | G            | G     | G     |
| Glycerine Lye - Brine   | U                    | U                   | U            | U     | U     |
| Glycerol  | G                    | G                   | G            | G     | G     |
| Glycine   | G                    | G                   | G            | G     | G     |
| Glycine Hydrochloride   | G                    | G                   | G            | G     | G     |
| Glycol Amine  | G                    | G                   | G            | G     | G     |
| Glycolic Acid   | G                    | G                   | G            | G     | G     |
| Glyoxal   | G                    | G                   | G            | G     | G     |
| Gold Chloride   | G                    | G                   | G            | G     | G     |
| Gold Cyanide  | G                    | G                   | G            | G     | G     |
| Granodine   | G                    | G                   | G            | G     | G     |
| Grape Pomace Graphite   | G                    | G                   | G            | G     | G     |
| Grease Lubricating  | G                    | G                   | G            | G     | G     |
| Green Soap  | G                    | G                   | G            | G     | G     |
| Grinding Lubricant  | G                    | G                   | G            | G     | G     |
| Grit Steel  | G                    | G                   | G            | G     | G     |
| Gritty Water  | G                    | G                   | G            | G     | G     |
| Groundwood Stock  | G                    | G                   | G            | G     | G     |
| GRS Latex   | G                    | G                   | G            | G     | G     |
| Gum Paste   | G                    | G                   | G            | G     | G     |
| Gypsum  | G                    | G                   | G            | G     | G     |
| Halane Sol  | G                    | G                   | G            | G     | G     |
| Halogen Tin Plating   | G                    | G                   | G            | G     | G     |
| Halowax (S)   | G                    | G                   | G            | G     | G     |
| Harvel - Trans Oil  | G                    | G                   | G            | G     | G     |
| Heptane   | G                    | G                   | G            | G     | G     |
| Hexachlorobenzene   | G                    | G                   | G            | G     | G     |
| Hexadiene   | G                    | G                   | G            | G     | G     |
| Hexamethylenetetramine  | G                    | G                   | G            | G     | G     |
| Hexane  | G                    | G                   | G            | G     | G     |
| Hydrazine   | G                    | G                   | G            | G     | G     |
| Hydrazine Hydrate   | G                    | G                   | G            | G     | G     |
| Hydrobromic Acid <10%   | G                    | G                   | G            | G     | G     |
| Hydrobromic Acid >10%   | -                    | -                   | -            | G     | -     |
| Hydrochloric Acid   | G                    | G                   | G            | G     | G     |
| Hydrocyanic Acid <10%   | G                    | G                   | G            | G     | G     |
| Hydrocyanic Acid >10%   | -                    | -                   | -            | G     | -     |
| Hydrofluoric Acid   | U                    | U                   | U            | U     | U     |
| Hydrogen Peroxide (dil)   | G                    | G                   | G            | G     | G     |
| Hydrogen Peroxide(con)  | -                    | -                   | -            | -     | G     |
| Hydroponic Sol  | G                    | G                   | G            | G     | G     |
| Hydroquinone  | G                    | G                   | G            | G     | G     |
| Hypo  | G                    | G                   | G            | G     | G     |
| Hypochlorous Acid   | G                    | G                   | G            | G     | G     |
| Ink   | G                    | G                   | G            | G     | G     |
| Ink in Solvent - Printing   | G                    | G                   | G            | G     | G     |

This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

# TECHNICAL DATA

## CHEMICAL RESISTANCE TABLE - ANAEROBICS

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAS41, IAS62 | IAS43 | IAS77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Iodine in Alcohol   | G                    | G                   | G            | G     | G     |
| Iodine-Potassium Iodide   | G                    | G                   | G            | G     | G     |
| Iodine Solutions  | G                    | G                   | G            | G     | G     |
| Ion Exchange Service  | G                    | G                   | G            | G     | G     |
| Ion Exclusion Glycol  | G                    | G                   | G            | G     | G     |
| Irish Moss Slurry   | G                    | G                   | G            | G     | G     |
| Iron Ore Taconite   | G                    | G                   | G            | G     | G     |
| Iron Oxide  | G                    | G                   | G            | G     | G     |
| Isobutyl Alcohol  | G                    | G                   | G            | G     | G     |
| Isobutyraldehyde  | G                    | G                   | G            | G     | G     |
| Isocetane   | G                    | G                   | G            | G     | G     |
| Isopropyl Alcohol   | G                    | G                   | G            | G     | G     |
| Isocyanate Resin  | G                    | G                   | G            | G     | G     |
| Isopropyl Acetate   | G                    | G                   | G            | G     | G     |
| Isopropyl Ether   | G                    | G                   | G            | G     | G     |
| Itaconic Acid   | G                    | G                   | G            | G     | G     |
| Jet Fuels   | G                    | G                   | G            | G     | G     |
| Jewelers Rouge  | G                    | G                   | G            | G     | G     |
| Jig Table Slurry  | G                    | G                   | G            | G     | G     |
| Kaolin - China Clay (S)   | G                    | G                   | G            | G     | G     |
| Kelp Slurry   | G                    | G                   | G            | G     | G     |
| Kerosense   | G                    | G                   | G            | G     | G     |
| Kerosene Chlorinated  | G                    | G                   | G            | G     | G     |
| Ketone  | G                    | G                   | G            | G     | G     |
| Lacquer Thinner   | G                    | G                   | G            | G     | G     |
| Lactic Acid   | G                    | G                   | G            | G     | G     |
| Lapping Compound  | G                    | G                   | G            | G     | G     |
| Latex - Natural   | G                    | G                   | G            | G     | G     |
| Latex - Synthetic   | G                    | G                   | G            | G     | G     |
| Latex Synthetic Raw   | G                    | G                   | G            | G     | G     |
| Laundry Wash Water  | G                    | G                   | G            | G     | G     |
| Laundry Bleach  | G                    | G                   | G            | G     | G     |
| Laundry Blue  | G                    | G                   | G            | G     | G     |
| Laundry Soda  | G                    | G                   | G            | G     | G     |
| Lead Arsenate   | G                    | G                   | G            | G     | G     |
| Lead Oxide  | G                    | G                   | G            | G     | G     |
| Lead Sulfate  | G                    | G                   | G            | G     | G     |
| Lignin Extract  | G                    | G                   | G            | G     | G     |
| Lime Slaked   | G                    | G                   | G            | G     | G     |
| Lime Sulfur Mix   | G                    | G                   | G            | G     | G     |
| Liquid Ion Exchange   | G                    | G                   | G            | G     | G     |
| Lithium Chloride  | G                    | G                   | G            | G     | G     |
| LOX (Liquid O2)   | U                    | U                   | U            | U     | U     |
| Ludox   | G                    | G                   | G            | G     | G     |
| Lye   | U                    | U                   | U            | U     | U     |
| Machine Coating Colour  | G                    | G                   | G            | G     | G     |
| Magnesite Slurry  | G                    | G                   | G            | G     | G     |
| Magnesite   | G                    | G                   | G            | G     | G     |
| Magnesium Bisulfite   | G                    | G                   | G            | G     | G     |
| Magnesium Carbonate   | G                    | G                   | G            | G     | G     |
| Magnesium Chloride  | G                    | G                   | G            | G     | G     |
| Magnesium Hydroxide   | G                    | G                   | G            | G     | G     |
| Magnesium Sulfate   | G                    | G                   | G            | G     | G     |
| Maleic Acid   | G                    | G                   | G            | G     | G     |
| Maleic Anhydride  | G                    | G                   | G            | G     | G     |
| Manganese Chloride  | G                    | G                   | G            | G     | G     |
| Manganese Sulfate   | G                    | G                   | G            | G     | G     |
| Melamine Resin  | G                    | G                   | G            | G     | G     |
| Menthol   | G                    | G                   | G            | G     | G     |
| Mercaptans  | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAS41, IAS62 | IAS43 | IAS77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Mercuric Chloride   | G                    | G                   | G            | G     | G     |
| Mercuric Nitrate  | G                    | G                   | G            | G     | G     |
| Mercury   | G                    | G                   | G            | G     | G     |
| Mercury Dry   | G                    | G                   | G            | G     | G     |
| Methane   | G                    | G                   | G            | G     | G     |
| Methyl Alcohol  | G                    | G                   | G            | G     | G     |
| Methyl Acetate  | G                    | G                   | G            | G     | G     |
| Methyl Bromide  | G                    | G                   | G            | G     | G     |
| Methyl Carbitol   | G                    | G                   | G            | G     | G     |
| Methyl Cellosolve (S)   | G                    | G                   | G            | G     | G     |
| Methyl Chloride   | G                    | G                   | G            | G     | G     |
| Methyl Ethyl Ketone   | G                    | G                   | G            | G     | G     |
| Methyl Isobutyl Ketone  | G                    | G                   | G            | G     | G     |
| Methyl Lactate  | G                    | G                   | G            | G     | G     |
| Methyl Orange   | G                    | G                   | G            | G     | G     |
| Methylamine   | G                    | G                   | G            | G     | G     |
| Methylene Chloride  | G                    | G                   | G            | G     | G     |
| Mineral Spirits   | G                    | G                   | G            | G     | G     |
| Mixed Acid/Nitric/Sulfuric  | U                    | U                   | U            | U     | U     |
| Monochloroacetic Acid   | G                    | G                   | G            | G     | G     |
| Morphoniline  | G                    | G                   | G            | G     | G     |
| Mud   | G                    | G                   | G            | G     | G     |
| Nalco Sol   | G                    | G                   | G            | G     | G     |
| Naphtha   | G                    | G                   | G            | G     | G     |
| Naphthalene   | G                    | G                   | G            | G     | G     |
| Naval Stores Solvent  | G                    | G                   | G            | G     | G     |
| Nematocide  | G                    | G                   | G            | G     | G     |
| Neoprene Emulsion   | G                    | G                   | G            | G     | G     |
| Neoprene Latex  | G                    | G                   | G            | G     | G     |
| Nickel Acetate  | G                    | G                   | G            | G     | G     |
| Nickel Ammonium Sulfate   | G                    | G                   | G            | G     | G     |
| Nickel Chloride   | G                    | G                   | G            | G     | G     |
| Nickel Cyanide  | G                    | G                   | G            | G     | G     |
| Nickel Fluoborate   | G                    | G                   | G            | G     | G     |
| Nickel Ore Fines  | G                    | G                   | G            | G     | G     |
| Nickel Plating Bright   | G                    | G                   | G            | G     | G     |
| Nickel Sulfate  | G                    | G                   | G            | G     | G     |
| Nicotinic Acid <10%   | G                    | G                   | G            | G     | G     |
| Nicotinic Acid >10%   | -                    | -                   | -            | G     | -     |
| Nitrate Sol   | G                    | G                   | G            | G     | G     |
| Nitration Acid(s)   | U                    | U                   | U            | U     | U     |
| Nitric Acid   | U                    | U                   | U            | U     | U     |
| Nitric Acid <10%  | G                    | G                   | G            | G     | G     |
| Nitric Acid 10%   | -                    | -                   | -            | G     | -     |
| Nitric Acid 20%   | -                    | -                   | -            | -     | G     |
| Nitric Acid Anhydrous   | U                    | U                   | U            | U     | U     |
| Nitric Acid Fuming  | U                    | U                   | U            | U     | U     |
| Nitro Aryl Sulfonic Acid  | G                    | G                   | G            | G     | G     |
| Nitrobenzene - Dry  | G                    | G                   | G            | G     | G     |
| Nitrocellulose  | G                    | G                   | G            | G     | G     |
| Nitrofurane   | G                    | G                   | G            | G     | G     |
| Nitroguanidine  | G                    | G                   | G            | G     | G     |
| Nitroparaffins - Dry  | G                    | G                   | G            | G     | G     |
| Nitrosyl Chloride   | G                    | G                   | G            | G     | G     |
| Norite Carbon   | G                    | G                   | G            | G     | G     |
| Nuchar  | G                    | G                   | G            | G     | G     |
| Oakite (S) Compound   | G                    | G                   | G            | G     | G     |
| Oil, Creosote   | G                    | G                   | G            | G     | G     |
| Oil, Emulsified   | G                    | G                   | G            | G     | G     |
| Oil, Fuel   | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAS41, IAS62 | IAS43 | IAS77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Oil, Lubricating  | G                    | G                   | G            | G     | G     |
| Oil, Soluble  | G                    | G                   | G            | G     | G     |
| Oleic Acid (Hot)  | G                    | G                   | G            | G     | G     |
| Oleic Acid (Cold)   | G                    | G                   | G            | G     | G     |
| Ore Fines - Flotation   | G                    | G                   | G            | G     | G     |
| Ore Pulp  | G                    | G                   | G            | G     | G     |
| Organic Dyes  | G                    | G                   | G            | G     | G     |
| Oxalic Acid (Cold)  | G                    | G                   | G            | G     | G     |
| Ozone (Wet)   | U                    | U                   | U            | U     | U     |
| Paint - Linseed Base  | G                    | G                   | G            | G     | G     |
| Paint - Water Base  | G                    | G                   | G            | G     | G     |
| Paint - Remover - Sol Type  | G                    | G                   | G            | G     | G     |
| Paint - Vehicles  | G                    | G                   | G            | G     | G     |
| Palmitic Acid   | G                    | G                   | G            | G     | G     |
| Paper Board Mill Waste  | G                    | G                   | G            | G     | G     |
| Paper Coating Slurry  | G                    | G                   | G            | G     | G     |
| Paper Pulp  | G                    | G                   | G            | G     | G     |
| Paper Pulp with Amun  | G                    | G                   | G            | G     | G     |
| Paper Pulp with Dye   | G                    | G                   | G            | G     | G     |
| Paper Pulp, bleached  | G                    | G                   | G            | G     | G     |
| Paper Pulp, bleach - washed   | G                    | G                   | G            | G     | G     |
| Paper Pulp Chlorinated  | G                    | G                   | G            | G     | G     |
| Paper Groundwood  | G                    | G                   | G            | G     | G     |
| Paper Rag   | G                    | G                   | G            | G     | G     |
| Paper Stocks, Fine  | G                    | G                   | G            | G     | G     |
| Paradichlorobenzene   | G                    | G                   | G            | G     | G     |
| Paraffin Molten   | G                    | G                   | G            | G     | G     |
| Paraffin Oil  | G                    | G                   | G            | G     | G     |
| Paraformaldehyde  | G                    | G                   | G            | G     | G     |
| Pectin Solution Acid  | G                    | G                   | G            | G     | G     |
| Pentachlorethane  | G                    | G                   | G            | G     | G     |
| Pentaerythritol Sol   | G                    | G                   | G            | G     | G     |
| Perchlorethylene (Dry)  | G                    | G                   | G            | G     | G     |
| Perchloric Acid <10%  | G                    | G                   | G            | G     | G     |
| Perchloric Acid >10%  | -                    | -                   | -            | G     | -     |
| Perchloromethyl Mercaptan   | G                    | G                   | G            | G     | G     |
| Permanganic Acid  | U                    | U                   | U            | U     | U     |
| Persulfuric Acid  | U                    | U                   | U            | U     | U     |
| Petroleum Ether   | G                    | G                   | G            | G     | G     |
| Petroleum Jelly   | G                    | G                   | G            | G     | G     |
| Phenol Formaldehyde Resins  | G                    | G                   | G            | G     | G     |
| Phenolic Glue   | G                    | G                   | G            | G     | G     |
| Phloroglucinol  | G                    | G                   | G            | G     | G     |
| Phosphate Ester   | G                    | G                   | G            | G     | G     |
| Phosphatic Sand   | G                    | G                   | G            | G     | G     |
| Phosphoric Acid 85% (Hot)   | U                    | U                   | U            | U     | U     |
| Phosphoric Acid 85% (Cold)  | -                    | -                   | -            | -     | G     |
| Phosphoric Acid 50% (Hot)   | -                    | -                   | -            | -     | G     |
| Phosphoric Acid 50% (Cold)  | -                    | -                   | -            | -     | G     |
| Phosphoric Acid 10% (Hot)   | -                    | -                   | -            | -     | G     |
| Phosphoric Acid 10% (Cold)  | G                    | G                   | G            | G     | G     |
| Phosphorous Molten  | G                    | G                   | G            | G     | G     |
| Phosphotungstic Acid  | G                    | G                   | G            | G     | G     |
| Photographic Sol  | G                    | G                   | G            | G     | G     |
| Phthalic Acid   | G                    | G                   | G            | G     | G     |
| Phytate   | G                    | G                   | G            | G     | G     |
| Phytate Salts   | G                    | G                   | G            | G     | G     |
| Pickling Acid, Sulfuric   | G                    | G                   | G            | G     | G     |
| Picric Acid Solutions   | G                    | G                   | G            | G     | G     |
| Pine Oil Finish   | G                    | G                   | G            | G     | G     |



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

# TECHNICAL DATA

## CHEMICAL RESISTANCE TABLE - ANAEROBICS

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| <b>Plating Sol As follows:</b>  | G                    | G                   | G            | G     | G     |
| Brass Cyanide   | G                    | G                   | G            | G     | G     |
| Bronze - Cyanide  | G                    | G                   | G            | G     | G     |
| Chromium/Cadmium Cyanide  | G                    | G                   | G            | G     | G     |
| Cobalt Acid   | G                    | G                   | G            | G     | G     |
| Copper Acid   | G                    | G                   | G            | G     | G     |
| Gold Cyanide  | G                    | G                   | G            | G     | G     |
| Iron - Acid   | G                    | G                   | G            | G     | G     |
| Lead - Fluoro   | G                    | G                   | G            | G     | G     |
| Nickel Bright   | G                    | G                   | G            | G     | G     |
| Platinum  | G                    | G                   | G            | G     | G     |
| Silver - Cyanide  | G                    | G                   | G            | G     | G     |
| Tin - Acid  | G                    | G                   | G            | G     | G     |
| Tin Alk Barrel  | G                    | G                   | G            | G     | G     |
| Zinc Acid   | G                    | G                   | G            | G     | G     |
| Zinc Alk Cyanide  | G                    | G                   | G            | G     | G     |
| Polycrylonitrile Slurry   | G                    | G                   | G            | G     | G     |
| Polypentek  | G                    | G                   | G            | G     | G     |
| Polysulfide Liquor  | G                    | G                   | G            | G     | G     |
| Polyvinyl Acetate Slurry  | G                    | G                   | G            | G     | G     |
| Polyvinyl Chloride  | G                    | G                   | G            | G     | G     |
| Porcelain Frit  | G                    | G                   | G            | G     | G     |
| Potash <10%   | G                    | G                   | G            | G     | G     |
| Potash >10%   | -                    | -                   | -            | G     | -     |
| Potassium Acetate   | G                    | G                   | G            | G     | G     |
| Potassium Alum Sulfate  | G                    | G                   | G            | G     | G     |
| Potassium Bromide   | G                    | G                   | G            | G     | G     |
| Potassium Carbonate   | G                    | G                   | G            | G     | G     |
| Potassium Chlorate  | G                    | G                   | G            | G     | G     |
| Potassium Chloride Sol  | G                    | G                   | G            | G     | G     |
| Potassium Chromate  | G                    | G                   | G            | G     | G     |
| Potassium Cyanide Sol   | G                    | G                   | G            | G     | G     |
| Potassium Dichromate  | G                    | G                   | G            | G     | G     |
| Potassium Ferricyanide  | G                    | G                   | G            | G     | G     |
| Potassium Hydroxide   | U                    | U                   | U            | U     | U     |
| Potassium Iodide  | G                    | G                   | G            | G     | G     |
| Potassium Nitrate   | G                    | G                   | G            | G     | G     |
| Potassium Perchlorate   | G                    | G                   | G            | G     | G     |
| Potassium Permanganate  | G                    | G                   | G            | G     | G     |
| Potassium Persulfate  | G                    | G                   | G            | G     | G     |
| Potassium Phosphate   | G                    | G                   | G            | G     | G     |
| Potassium Silicate  | G                    | G                   | G            | G     | G     |
| Potassium Sulfate   | G                    | G                   | G            | G     | G     |
| Potassium Xanthate  | G                    | G                   | G            | G     | G     |
| Press Board Waste   | G                    | G                   | G            | G     | G     |
| Propionic Acid  | G                    | G                   | G            | G     | G     |
| Propyl Alcohol  | G                    | G                   | G            | G     | G     |
| Propyl Bromide  | G                    | G                   | G            | G     | G     |
| Propylene Glycol  | G                    | G                   | G            | G     | G     |
| Pumice  | G                    | G                   | G            | G     | G     |
| Pyranol   | G                    | G                   | G            | G     | G     |
| Pyridine  | G                    | G                   | G            | G     | G     |
| Pyrogalllic Acid  | G                    | G                   | G            | G     | G     |
| Pyrogen Free Water  | G                    | G                   | G            | G     | G     |
| Pyrole  | G                    | G                   | G            | G     | G     |
| Pyromellitic Acid   | G                    | G                   | G            | G     | G     |
| Quebracho Tannin  | G                    | G                   | G            | G     | G     |
| Rag Stock Bleached  | G                    | G                   | G            | G     | G     |
| Rare Earth Salts  | G                    | G                   | G            | G     | G     |
| Rayon Acid Water  | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Rayon Spin Bath   | G                    | G                   | G            | G     | G     |
| Rayong Spin Bath spent  | G                    | G                   | G            | G     | G     |
| Resorcinol  | G                    | G                   | G            | G     | G     |
| River Water   | G                    | G                   | G            | G     | G     |
| Road Oil  | G                    | G                   | G            | G     | G     |
| Roccal  | G                    | G                   | G            | G     | G     |
| Rosin - Wood  | G                    | G                   | G            | G     | G     |
| Rosin in Alcohol  | G                    | G                   | G            | G     | G     |
| Rosin Size  | G                    | G                   | G            | G     | G     |
| Rubber Latex  | G                    | G                   | G            | G     | G     |
| Safrole   | G                    | G                   | G            | G     | G     |
| Salt Alkaline   | G                    | G                   | G            | G     | G     |
| Salt Electrolytic   | G                    | G                   | G            | G     | G     |
| Salt Refrg  | G                    | G                   | G            | G     | G     |
| Sand - Air Brown Slurry   | G                    | G                   | G            | G     | G     |
| Sand - Air Phosphatic   | G                    | G                   | G            | G     | G     |
| Sea Coal  | G                    | G                   | G            | G     | G     |
| Sea Water   | G                    | G                   | G            | G     | G     |
| Selenium Chloride   | G                    | G                   | G            | G     | G     |
| Sequestrene   | G                    | G                   | G            | G     | G     |
| Sewage  | G                    | G                   | G            | G     | G     |
| Shellac   | G                    | G                   | G            | G     | G     |
| Shower Water  | G                    | G                   | G            | G     | G     |
| Silica Gel  | G                    | G                   | G            | G     | G     |
| Silica Ground   | G                    | G                   | G            | G     | G     |
| Silicone Tetrachloride  | G                    | G                   | G            | G     | G     |
| Silicone Fluids   | G                    | G                   | G            | G     | G     |
| Silver Cyanide  | G                    | G                   | G            | G     | G     |
| Silver Iodide - Aqu   | G                    | G                   | G            | G     | G     |
| Silver Nitrate  | G                    | G                   | G            | G     | G     |
| Size Emulsion   | G                    | G                   | G            | G     | G     |
| Skelly Solve EL   | G                    | G                   | G            | G     | G     |
| Slate to 400 Mesh   | G                    | G                   | G            | G     | G     |
| Soap Lye  | U                    | U                   | U            | U     | U     |
| Soap Solutions(Stearates)   | G                    | G                   | G            | G     | G     |
| Soap Stone Air Blown  | G                    | G                   | G            | G     | G     |
| Soda Pulp   | G                    | G                   | G            | G     | G     |
| Sodium Acetate  | G                    | G                   | G            | G     | G     |
| Sodium Acid Fluoride  | G                    | G                   | G            | G     | G     |
| Sodium Aluminate  | G                    | G                   | G            | G     | G     |
| Sodium Arsenate   | G                    | G                   | G            | G     | G     |
| Sodium Benzene Sulfonate  | G                    | G                   | G            | G     | G     |
| Sodium Bichromate   | G                    | G                   | G            | G     | G     |
| Sodium Bisulfite  | G                    | G                   | G            | G     | G     |
| Sodium Bromide  | G                    | G                   | G            | G     | G     |
| Sodium Carbonate  | G                    | G                   | G            | G     | G     |
| Sodium Chlorate   | G                    | G                   | G            | G     | G     |
| Sodium Chlorite   | G                    | G                   | G            | G     | G     |
| Sodium Cyanide  | G                    | G                   | G            | G     | G     |
| Sodium Ferricyanide   | G                    | G                   | G            | G     | G     |
| Sodium Formate  | G                    | G                   | G            | G     | G     |
| Sodium Glutamate  | G                    | G                   | G            | G     | G     |
| Sodium Hydrogen Sulfate   | G                    | G                   | G            | G     | G     |
| Sodium Hydrosulfite   | G                    | G                   | G            | G     | G     |
| Sodium Hydrosulfide   | G                    | G                   | G            | G     | G     |
| Sodium Hydrochloride  | G                    | G                   | G            | G     | G     |
| Sodium Hydro 20% (Cold)   | G                    | G                   | G            | G     | G     |
| Sodium Hydro 20% (Hot)  | -                    | -                   | -            | -     | G     |
| Sodium Hydro 50% (Cold)   | -                    | -                   | -            | -     | G     |
| Sodium Hydro 50% (Hot)  | U                    | U                   | U            | U     | U     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAR41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Sodium Hydro 70% (Cold)   | -                    | -                   | -            | -     | G     |
| Sodium Hydro 70% (Hot)  | U                    | U                   | U            | U     | U     |
| Sodium Hypochlorite   | G                    | G                   | G            | G     | G     |
| Sodium Lignosulfonate   | G                    | G                   | G            | G     | G     |
| Sodium Metasilicate   | G                    | G                   | G            | G     | G     |
| Sodium Molten   | G                    | G                   | G            | G     | G     |
| Sodium Nitrate  | G                    | G                   | G            | G     | G     |
| Sodium Nitrite - Nitrate  | G                    | G                   | G            | G     | G     |
| Sodium Perborate  | G                    | G                   | G            | G     | G     |
| Sodium Peroxide   | U                    | U                   | U            | U     | U     |
| Sodium Persulfate   | G                    | G                   | G            | G     | G     |
| Sodium Phosphate - Mono   | G                    | G                   | G            | G     | G     |
| Sodium Phosphate - Tri  | G                    | G                   | G            | G     | G     |
| Sodium Potassium Chloride   | G                    | G                   | G            | G     | G     |
| Sodium Salicylate   | G                    | G                   | G            | G     | G     |
| Sodium Sesquicarbonate  | G                    | G                   | G            | G     | G     |
| Sodium Silicate   | G                    | G                   | G            | G     | G     |
| Sodium Silcofluoride  | G                    | G                   | G            | G     | G     |
| Sodium Stannate   | G                    | G                   | G            | G     | G     |
| Sodium Sulfate  | G                    | G                   | G            | G     | G     |
| Sodium Sulfide  | G                    | G                   | G            | G     | G     |
| Sodium Sulfite  | G                    | G                   | G            | G     | G     |
| Sodium Thiocyanate  | G                    | G                   | G            | G     | G     |
| Sodium Thiosulfate  | G                    | G                   | G            | G     | G     |
| Sodium Tungstate  | G                    | G                   | G            | G     | G     |
| Sodium Xanthate   | G                    | G                   | G            | G     | G     |
| Solox - Denat Ehtanol   | G                    | G                   | G            | G     | G     |
| Soluble Oil   | G                    | G                   | G            | G     | G     |
| Solvent Naphthas  | G                    | G                   | G            | G     | G     |
| Sorbic Acid   | G                    | G                   | G            | G     | G     |
| Sour Gasoline   | G                    | G                   | G            | G     | G     |
| Soybean Sludge - Acid   | G                    | G                   | G            | G     | G     |
| Spensol Solution  | G                    | G                   | G            | G     | G     |
| Stannic Chloride  | G                    | G                   | G            | G     | G     |
| Starch  | G                    | G                   | G            | G     | G     |
| Starch base   | G                    | G                   | G            | G     | G     |
| Stearic Acid  | G                    | G                   | G            | G     | G     |
| Steep Water   | G                    | G                   | G            | G     | G     |
| Sterilization Steam   | G                    | G                   | G            | G     | G     |
| Stillage Distillers   | G                    | G                   | G            | G     | G     |
| Stoddard Solvent  | G                    | G                   | G            | G     | G     |
| Styrene   | G                    | G                   | G            | G     | G     |
| Styrene Butadiene Latex   | G                    | G                   | G            | G     | G     |
| Sulfamic Acid   | G                    | G                   | G            | G     | G     |
| Sulfan - Sulfuric Anhydride   | G                    | G                   | G            | G     | G     |
| Sulfathiazole   | G                    | G                   | G            | G     | G     |
| Sulfite Liquor  | G                    | G                   | G            | G     | G     |
| Sulfite Stock   | G                    | G                   | G            | G     | G     |
| Sulfonated Oils   | G                    | G                   | G            | G     | G     |
| Sulfones  | G                    | G                   | G            | G     | G     |
| Sulfonic Acids  | G                    | G                   | G            | G     | G     |
| Sulfonyl Chloride   | G                    | G                   | G            | G     | G     |
| Sulfur Slurry   | G                    | G                   | G            | G     | G     |
| Sulfur Solution   | G                    | G                   | G            | G     | G     |
| in Carbon Disulfide   | G                    | G                   | G            | G     | G     |
| Sulphuric Acid 0 - 7%   | -                    | -                   | -            | -     | G     |
| Sulphuric Acid 7 - 40%  | -                    | -                   | -            | -     | G     |
| Sulphuric Acid 40 - 75%   | U                    | U                   | U            | U     | U     |
| Sulphuric Acid 75 - 95%   | U                    | U                   | U            | U     | U     |
| Sulphuric Acid 95 - 100%  | -                    | -                   | -            | -     | G     |

This page is part of a complete catalogue containing technical and safety data.

All data must be reviewed when selecting a product.

Pirtek reserve the right to change technical specifications without notice.

# TECHNICAL DATA

## CHEMICAL RESISTANCE TABLE - ANAEROBICS

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAS41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Sulphurous Acid   | -                    | -                   | -            | -     | G     |
| Sulfuryl Chloride   | G                    | G                   | G            | G     | G     |
| Surfactants   | G                    | G                   | G            | G     | G     |
| Synthetic Latex   | G                    | G                   | G            | G     | G     |
| Tactonite - Fines   | G                    | G                   | G            | G     | G     |
| Talc - Slurry   | G                    | G                   | G            | G     | G     |
| Tankage - Slurry  | G                    | G                   | G            | G     | G     |
| Tannic Acid (Cold)  | -                    | -                   | -            | -     | G     |
| Tarmin  | G                    | G                   | G            | G     | G     |
| Tar & Tar Oil   | G                    | G                   | G            | G     | G     |
| Tartaric Acid   | G                    | G                   | G            | G     | G     |
| Television Chemicals  | G                    | G                   | G            | G     | G     |
| Tergitol (S)  | G                    | G                   | G            | G     | G     |
| Terpineol   | G                    | G                   | G            | G     | G     |
| Tetraethyl Lead   | G                    | G                   | G            | G     | G     |
| Tetrahydrofuran   | G                    | G                   | G            | G     | G     |
| Tetranitromethane   | G                    | G                   | G            | G     | G     |
| Textile Dyeing  | G                    | G                   | G            | G     | G     |
| Textile Finishing Oil   | G                    | G                   | G            | G     | G     |
| Textile Printing Oil  | G                    | G                   | G            | G     | G     |
| Thiocyanic Acid   | G                    | G                   | G            | G     | G     |
| Thioglycolic Acid   | G                    | G                   | G            | G     | G     |
| Thionyl Chloride  | G                    | G                   | G            | G     | G     |
| Thiophosphoryl Chloride   | G                    | G                   | G            | G     | G     |
| Thiourea  | G                    | G                   | G            | G     | G     |
| Thorium Nitrate   | G                    | G                   | G            | G     | G     |
| Thymol  | G                    | G                   | G            | G     | G     |
| Tin Tetrachloride   | G                    | G                   | G            | G     | G     |
| Tinning Sol DuPont  | G                    | G                   | G            | G     | G     |
| Titania Paper Coating   | G                    | G                   | G            | G     | G     |
| Titanium Oxide Slurry   | G                    | G                   | G            | G     | G     |
| Titanium Oxy Sulfate  | G                    | G                   | G            | G     | G     |
| Titanium Sulfate  | G                    | G                   | G            | G     | G     |
| Titanium Tetrachloride  | G                    | G                   | G            | G     | G     |
| Toluol  | G                    | G                   | G            | G     | G     |
| Toluene   | G                    | G                   | G            | G     | G     |
| p - Toluene Sulfonic Acid   | -                    | -                   | -            | -     | G     |
| Transil Oil   | G                    | G                   | G            | G     | G     |
| Trichloroacetic Acid  | G                    | G                   | G            | G     | G     |
| Trichloroethane 1,1,1   | G                    | G                   | G            | G     | G     |
| Trichlorethylene  | G                    | G                   | G            | G     | G     |
| Trichlorethylene - Dry  | G                    | G                   | G            | G     | G     |
| Tricresyl Phosphate   | G                    | G                   | G            | G     | G     |
| Triethanolamine   | G                    | G                   | G            | G     | G     |
| Triethylene Glycol  | G                    | G                   | G            | G     | G     |
| Trioxane  | G                    | G                   | G            | G     | G     |
| Tungstic Acid   | G                    | G                   | G            | G     | G     |
| Turpentine  | G                    | G                   | G            | G     | G     |
| UCON (S) Lube   | G                    | G                   | G            | G     | G     |
| Udylite Bath - Nickel   | G                    | G                   | G            | G     | G     |
| Undecylenic Acid  | G                    | G                   | G            | G     | G     |
| Unichrome Sol Alk   | G                    | G                   | G            | G     | G     |
| Uranium Salts   | G                    | G                   | G            | G     | G     |
| Uranyl Nitrate  | G                    | G                   | G            | G     | G     |
| Uranyl Sulfate  | G                    | G                   | G            | G     | G     |
| Urea Ammonia Liquor   | G                    | G                   | G            | G     | G     |
| Vacuum to 100 Micron  | G                    | G                   | G            | G     | G     |
| Vacuum 100 Micron   | G                    | G                   | G            | G     | G     |
| Vacuum Oil  | G                    | G                   | G            | G     | G     |
| Vanadium Pentoxide  | G                    | G                   | G            | G     | G     |

| AGENT   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAS41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Slurry  | G                    | G                   | G            | G     | G     |
| Varnish   | G                    | G                   | G            | G     | G     |
| Varsol - Naphtha Solv   | G                    | G                   | G            | G     | G     |
| Versene (S)   | G                    | G                   | G            | G     | G     |
| Vinyl Acetate Dry or  | G                    | G                   | G            | G     | G     |
| Chloride Monomer  | G                    | G                   | G            | G     | G     |
| Vinyl Chloride Latex Emul   | G                    | G                   | G            | G     | G     |
| Vinyl Resin Slurry  | G                    | G                   | G            | G     | G     |
| Viscose   | G                    | G                   | G            | G     | G     |
| Vortex - Hydroclone   | G                    | G                   | G            | G     | G     |
| Water - Acid Below pH7  | G                    | G                   | G            | G     | G     |
| Water pH7 to 8  | G                    | G                   | G            | G     | G     |
| Water Alkaline-Over pH8   | G                    | G                   | G            | G     | G     |
| Water Mine Water  | G                    | G                   | G            | G     | G     |
| Water Potable   | -                    | -                   | -            | G     | -     |
| Water River   | G                    | G                   | G            | G     | G     |
| Water Sandy   | G                    | G                   | G            | G     | G     |
| Water 'White' low pH  | G                    | G                   | G            | G     | G     |
| Water 'White' high pH   | G                    | G                   | G            | G     | G     |
| Wax Chlorinated   | G                    | G                   | G            | G     | G     |
| Wax Emulsions   | G                    | G                   | G            | G     | G     |
| Weed Killer Dirbromide  | G                    | G                   | G            | G     | G     |
| Weisberg Sulfate Plating  | G                    | G                   | G            | G     | G     |
| Wood ground pulp  | G                    | G                   | G            | G     | G     |
| Wort Lines  | G                    | G                   | G            | G     | G     |
| X - Ray Developing Bath   | G                    | G                   | G            | G     | G     |
| Xylene  | G                    | G                   | G            | G     | G     |
| Zelan   | G                    | G                   | G            | G     | G     |
| Zeolite Water   | G                    | G                   | G            | G     | G     |
| Zinc Acetate  | G                    | G                   | G            | G     | G     |
| Zinc Bromide  | G                    | G                   | G            | G     | G     |
| Zinc Chloride   | G                    | G                   | G            | G     | G     |
| Zinc Cyanide - Alk  | G                    | G                   | G            | G     | G     |
| Zinc Fines Slurry   | G                    | G                   | G            | G     | G     |
| Zinc Flux Paste   | G                    | G                   | G            | G     | G     |
| Zinc Galvanizing  | G                    | G                   | G            | G     | G     |
| Zinc Hydrosulfite   | G                    | G                   | G            | G     | G     |
| Zinc Oxide in Water   | G                    | G                   | G            | G     | G     |
| Zinc Oxide in Oil   | G                    | G                   | G            | G     | G     |
| Zinc Sulfate  | G                    | G                   | G            | G     | G     |
| Zincolate   | G                    | G                   | G            | G     | G     |
| Zirconyl Nitrate  | G                    | G                   | G            | G     | G     |
| Zirconyl Sulfate  | G                    | G                   | G            | G     | G     |

| GASES   | INDUSTRIAL ANAEROBIC |                     |              |       |       |
|---|----------------------|---------------------|--------------|-------|-------|
|   | IAS55, IAS57         | IAS69, IAS72, IAS77 | IAS41, IAR62 | IAT43 | IAT77 |
| Legend:<br>G = Good<br>C = Conditional<br>U = Unsatisfactory<br>- No Data |                      |                     |              |       |       |
| Acetylene   | G                    | G                   | G            | G     | G     |
| Acid & Alkali Vapors  | G                    | G                   | G            | G     | G     |
| Air   | G                    | G                   | G            | G     | G     |
| Amine   | G                    | G                   | G            | G     | G     |
| Ammonia   | G                    | G                   | G            | G     | G     |
| Butane  | G                    | G                   | G            | G     | G     |
| Butadiene Gas/Liquid  | G                    | G                   | G            | G     | G     |
| Butylene Gas/Liquid   | G                    | G                   | G            | G     | G     |
| By-Product Gas (Dry)  | G                    | G                   | G            | G     | G     |
| Carbon Dioxide  | G                    | G                   | G            | G     | G     |
| Carbon Disulfide  | G                    | G                   | G            | G     | G     |
| Carbon Monoxide   | G                    | G                   | G            | G     | G     |
| Chloride (Dry)  | G                    | G                   | G            | G     | G     |
| Chlorine (Dry)  | U                    | U                   | U            | U     | U     |
| Chlorine (Wet)  | U                    | U                   | U            | U     | U     |
| Coke-Oven Gas (Cold)  | G                    | G                   | G            | G     | G     |
| Coke-Oven Gas (Hot)   | -                    | -                   | -            | -     | G     |
| Cyanogen Chloride   | G                    | G                   | G            | G     | G     |
| Cyanogen Gas  | G                    | G                   | G            | G     | G     |
| Ethane  | G                    | G                   | G            | G     | G     |
| Ether-see Diethyl Ether   | G                    | G                   | G            | G     | G     |
| Ethylene  | G                    | G                   | G            | G     | G     |
| Ethylene Oxide  | G                    | G                   | G            | G     | G     |
| Freon (S) (11-12-21-22)   | -                    | -                   | -            | -     | G     |
| Furnace Gas (Cold)  | -                    | -                   | -            | -     | G     |
| Furnace Gas (Hot)   | G                    | G                   | G            | G     | G     |
| Gas Drip Oil  | G                    | G                   | G            | G     | G     |
| Gas Flue  | G                    | G                   | G            | G     | G     |
| Gas Manufacturing   | G                    | G                   | G            | G     | G     |
| Gas Natural   | G                    | G                   | G            | G     | G     |
| Helium  | G                    | G                   | G            | G     | G     |
| Hydrogen Gas - Cold   | G                    | G                   | G            | G     | G     |
| Hydrogen Chloride   | G                    | G                   | G            | G     | G     |
| Hydrogen Cyanide  | G                    | G                   | G            | G     | G     |
| Hydrogen Sulfide-W/D  | G                    | G                   | G            | G     | G     |
| Isobutane   | G                    | G                   | G            | G     | G     |
| Methane   | G                    | G                   | G            | G     | G     |
| Methyl Chloride   | G                    | G                   | G            | G     | G     |
| Natural Gas - Dry   | G                    | G                   | G            | G     | G     |
| Nitrogen Gas  | G                    | G                   | G            | G     | G     |
| Nitrous Oxide   | G                    | G                   | G            | G     | G     |
| Oil - Solvent Vapor   | G                    | G                   | G            | G     | G     |
| Oxygen  | U                    | U                   | U            | U     | U     |
| Ozone   | U                    | U                   | U            | U     | U     |
| Producer Gas 50 PSI   | G                    | G                   | G            | G     | G     |
| Propane   | G                    | G                   | G            | G     | G     |
| Propylene   | G                    | G                   | G            | G     | G     |
| Steam H Pressure ("70 psi)  | U                    | U                   | U            | U     | U     |
| Steam L Pressure ("70 psi)  | G                    | G                   | G            | G     | G     |
| Sulfur Dioxide  | G                    | G                   | G            | G     | G     |
| Sulfure Dioxide Dry   | G                    | G                   | G            | G     | G     |
| Sulfur Trioxide Gas   | G                    | G                   | G            | G     | G     |
| Sulfuric Acid Vapor   | U                    | U                   | U            | U     | U     |



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.



## GRAB KIT CASES



## COMPARTMENT STORAGE CASE



Versatile storage system for the transfer and handling of various components.

Ideal for use as a grab kit to store brassware, O-rings, adaptors, fittings, clamps, nuts & bolts.

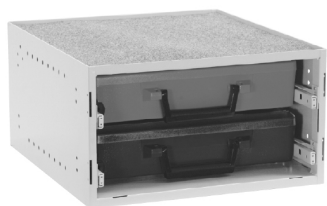
Manufactured from strong engineering polymers & uses stainless steel hinge and latch springs to ensure extended product life.

Includes 6 dividers plus 1 compartment in front of case.

- Corrosion proof
- Lid opens 180°
- Sturdy locking system
- Divided goods will not interchange when shaken
- Unique lid design keeps storage locked in place
- Additional dividers available to create up to 20 compartments

| Part Number | Dimensions mm      |         |        |
|-------------|--------------------|---------|--------|
| GKC-01      | W = 370            | D = 370 | H = 85 |
| GKD         | Individual Divider |         |        |

## CABINET



2 or 3 drawer cabinet which can be joined vertically and or horizontally  
Cabinet can be fixed to bench, racking or vehicle floor.

These cabinets only suit Pirtek compartment storage case & Pirtek Pressure test kit cases

| Part Number | Description      | Dimensions mm |         |         |
|-------------|------------------|---------------|---------|---------|
| RC2DC †     | 2 Drawer cabinet | W = 419       | D = 460 | H = 250 |
| RC3DC †     | 3 Drawer cabinet | W = 419       | D = 460 | H = 350 |

† Non-Stocked Item, available on request

## FRAME



2 or 3 drawer frame which can be fixed to any vehicle, wall, bench or shelf.

These frames only suit Pirtek compartment storage case & Pirtek Pressure test kit cases.

| Part Number | Description    | Dimensions mm |         |         |
|-------------|----------------|---------------|---------|---------|
| RC2FR †     | 2 Drawer frame | W = 419       | D = 460 | H = 250 |
| RC3FR †     | 3 Drawer frame | W = 419       | D = 460 | H = 350 |

† Non-Stocked Item, available on request

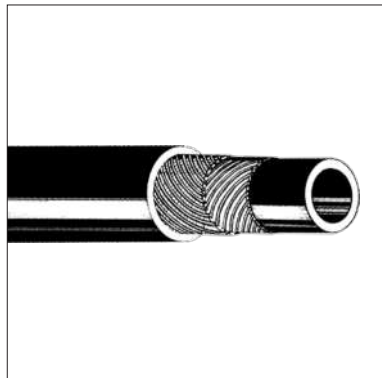


# AUTOMOTIVE HOSES

PACKAGED SPOOLS  
FOR WORKSHOP & HOME

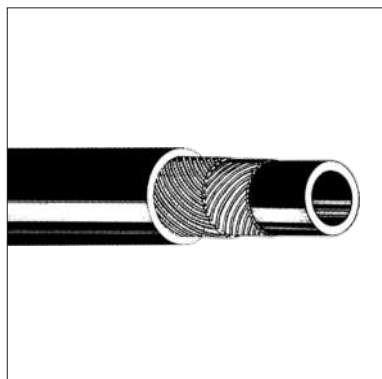
## P3111

AUTO  
FUEL HOSE



## P311T

AUTO  
TRANSMISSION COOLER HOSE



| Product Code  |                | Dimensions  |      |      |      | Working Pressure | Bend Radius | Weight |
|---------------|----------------|-------------|------|------|------|------------------|-------------|--------|
|               |                | Inside Dia. |      | Wall | O.D. |                  |             |        |
| 7 meter spool | 30 meter spool | mm          | ins  | mm   | mm   | bar              | mm          | g/m    |
| P3111048      | P3111048-R     | 4.8         | 3/16 | 3.0  | 10.8 | 3.4              | 15          | 110    |
| P3111063      | P3111063-R     | 6.3         | 1/4  | 3.2  | 12.7 | 3.4              | 20          | 140    |
| P3111079      | P3111079-R     | 7.9         | 5/16 | 3.4  | 14.7 | 3.4              | 25          | 160    |
| P3111095      | P3111095-R     | 9.5         | 3/8  | 3.6  | 16.7 | 3.4              | 40          | 210    |
|               | P3111127-R     | 12.7        | 1/2  | 3.8  | 20.3 | 2.4              | 50          | 257    |

- Designed to carry automotive fuel
- Nitrile inner liner
- Outer cover CR (Neoprene)
- Temperature range from -30° C to +100° C
- Dual spiral wrap reinforcement
- Conforms to SAE 30 R6
- Safety factor of 5:1.
- Hose is suitable for unleaded petrol (up to 98 Octane) and diesel
- Hose is **not suitable for submersion** in tank
- Hose is not suitable for ethanol blends of petrol or bio diesel

| Product Code  |                | Dimensions  |      |      |      | Working Pressure | Bend Radius | Weight |
|---------------|----------------|-------------|------|------|------|------------------|-------------|--------|
|               |                | Inside Dia. |      | Wall | O.D. |                  |             |        |
| 7 meter spool | 30 meter spool | mm          | ins  | mm   | mm   | bar              | mm          | g/m    |
| P311T079      | P311T079-R     | 7.9         | 5/16 | 3.4  | 14.7 | 12               | 25          | 160    |
| P311T095      | P311T095-R     | 9.5         | 3/8  | 3.6  | 16.7 | 12               | 40          | 210    |

- For use with modern automatic transmissions
- Nitrile inner liner
- Polyester reinforcement
- Neoprene cover resistant to oil, fuel and heat
- Temperature range from -40° C to +135° C
- Manufactured to SAE 30 R6 Specification

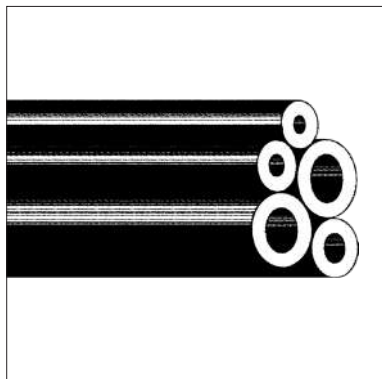
# AUTOMOTIVE HOSES

PACKAGED SPOOLS  
FOR WORKSHOP & HOME



## P3300

AUTO  
VACUUM AND WASHER HOSE

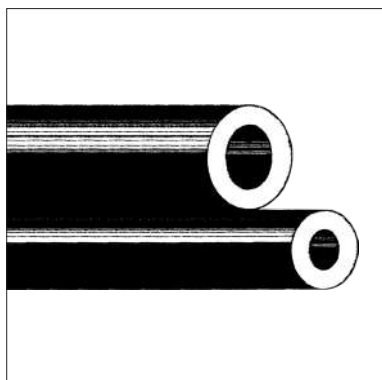


| Product Code   |  | Dimensions  |       |      |      |  |  |  |
|----------------|--|-------------|-------|------|------|--|--|--|
|                |  | Inside Dia. |       | Wall | O.D. |  |  |  |
| 15 meter spool |  | mm          | ins   | mm   | mm   |  |  |  |
| P3300025       |  | 2.5         | 7/64  | 2    | 6.5  |  |  |  |
| P3300030       |  | 3.0         | 1/8   | 2    | 7.0  |  |  |  |
| P3300040       |  | 4.0         | 5/32  | 2    | 8.0  |  |  |  |
| P3300045       |  | 4.5         | 11/64 | 2    | 8.5  |  |  |  |
| P3300055       |  | 5.5         | 7/32  | 2    | 10.0 |  |  |  |
| P3300063       |  | 6.3         | 1/4   | 2    | 10.5 |  |  |  |

- For use in windscreen washer systems and vacuum operated controls
- Manufactured from EPDM rubber
- Withstands the pressure exerted by windscreen washer systems and control system vacuum
- Heat and weather resistant
- Manufactured to SAE-J-200 Specification

## P3300

AUTO  
RADIATOR OVERFLOW HOSE

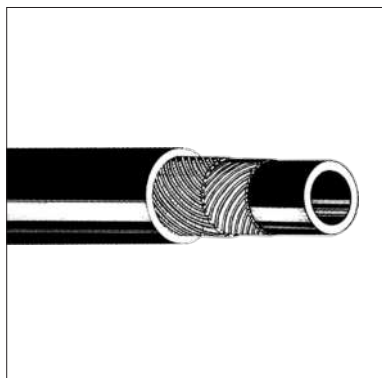


| Product Code   |  | Dimensions  |      |      |      |  |  |  |
|----------------|--|-------------|------|------|------|--|--|--|
|                |  | Inside Dia. |      | Wall | O.D. |  |  |  |
| 15 meter spool |  | mm          | ins  | mm   | mm   |  |  |  |
| P3300079       |  | 8           | 5/16 | 2    | 12   |  |  |  |
| P3300095       |  | 10          | 3/8  | 2    | 14   |  |  |  |

- Suitable for radiator overflow and header tank applications
- Manufactured from EPDM rubber
- Withstand radiator temperatures and pressures as well as vacuum
- Weather, oil and radiator additive resistant

## P4205

AUTO  
BRAKE VACUUM HOSE



| Product Code |                | Dimensions  |       |      |      | Vacuum | Bend Radius | Weight |
|--------------|----------------|-------------|-------|------|------|--------|-------------|--------|
|              |                | Inside Dia. |       | Wall | O.D. |        |             |        |
| 7 mete spool | 30 meter spool | mm          | ins   | mm   | mm   | bar    | mm          | g/m    |
| P4205095     | P4205095-R     | 9.5         | 11/32 | 4    | 17.5 | 0.87   | 30          | 252    |
| P4205120     | P4205120-R     | 12.5        | 1/2   | 4    | 20.0 | 0.87   | 40          | 299    |

- Designed to transmit manifold vacuum in automotive power assisted braking systems.
- Neoprene liner and cover
- Rayon reinforcement
- Conforms to SAE J 1403
- Resistant to oil, petrol, heat and weather

# AUTOMOTIVE HOSES

PACKAGED SPOOLS  
FOR WORKSHOP & HOME

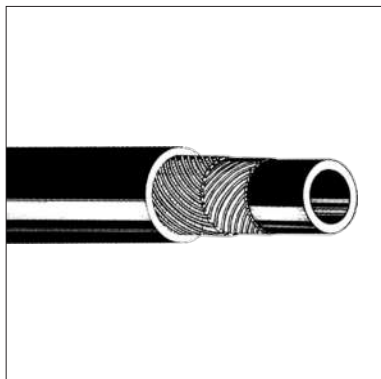


ACCESSORIES

AUTOMOTIVE HOSES

## P4801

AUTO  
HEATER HOSE



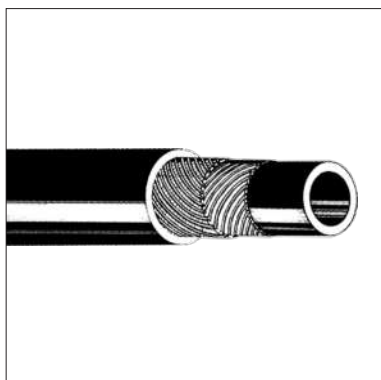
| Product Code   |                | Dimensions  |      |      | Working Pressure | Bend Radius | Weight |
|----------------|----------------|-------------|------|------|------------------|-------------|--------|
|                |                | Inside Dia. | Wall | O.D. |                  |             |        |
| 15 meter spool | 50 meter spool | mm          | ins  | mm   | bar              | mm          | g/m    |
|                | P4801095-R *   | 9.5         | 3/8  | 3.75 | 17.0             | 10          | 220    |
| P4801127       | P4801127-R     | 12.7        | 1/2  | 3.40 | 19.5             | 10          | 240    |
| P4801160       | P4801160-R     | 16.0        | 5/8  | 3.40 | 22.8             | 10          | 290    |
| P4801191       | P4801191-R     | 19.0        | 3/4  | 3.60 | 26.3             | 10          | 360    |

\* 25 meter roll length in this size

- Developed for vehicle coolant systems
- Safety factor of 3:1
- Temperature range of -40° C to +100° C
- Made from a rubber and EPDM blend
- Reinforced with a double braid spiral wrap
- Conforms to SAE 20 R3
- Weather resistant
- Impervious to coolant system additives
- Not suitable for use with petrochemical products

## P5130

AUTO  
POWER STEERING RETURN HOSE

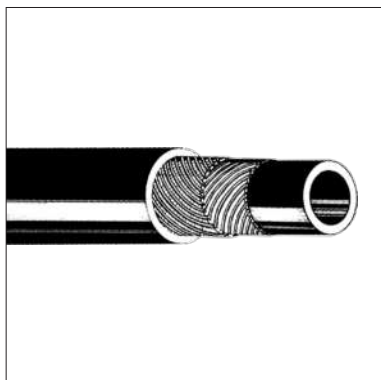


| Product Code  |                | Dimensions  |      |      | Working Pressure | Bend Radius | Weight |
|---------------|----------------|-------------|------|------|------------------|-------------|--------|
|               |                | Inside Dia. | Wall | O.D. |                  |             |        |
| 7 meter spool | 30 meter spool | mm          | ins  | mm   | bar              | mm          | g/m    |
| P5130079      | P5130079-R     | 7.9         | 5/16 | 4.0  | 16.0             | 17.2        | 224    |
| P5130100      | P5130100-R     | 10          | 3/8  | 4.0  | 18.0             | 17.2        | 242    |

- Designed specifically as low pressure side return hose for vehicle power steering systems
- Nitrile inner liner
- Polyester double braid reinforcement
- Neoprene cover
- Resistant to oil, fuel and heat
- Operating temperature range is -40° C to +121° C
- Safety factor of 4:1
- Conforms to SAE J 189 Specification

## PH533

AUTO  
EFI FUEL INJECTION HOSE



| Product Code  |  | Dimensions  |      |      | Working Pressure | Bend Radius | Weight |
|---------------|--|-------------|------|------|------------------|-------------|--------|
|               |  | Inside Dia. | Wall | O.D. |                  |             |        |
| 7 meter spool |  | mm          | ins  | mm   | bar              | mm          | g/m    |
| PH533079      |  | 7.9         | 5/16 | 3.05 | 14               | 6.9         | 155    |

- A high performance fuel injection hose designed to run at higher pressures and temperatures than normal fuel injection hoses.
- NBR/FKM inner tube
- CSM cover
- Conforms to SAE J30 R9 Specifications



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

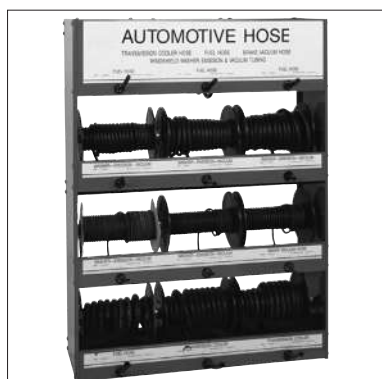
# AUTOMOTIVE HOSES

PACKAGED SPOOLS  
FOR WORKSHOP & HOME



## PCH-A

### AUTO GENERAL HOSE MERCHANDISER



| PCH-A General Hose Merchandiser |       |              |                     |                 |       |        |      |
|---------------------------------|-------|--------------|---------------------|-----------------|-------|--------|------|
| Qty                             | Pack  | Product Code | Description         | Inside Diameter |       | Length | Page |
|                                 |       |              |                     | mm              | ins   |        |      |
| 1                               | Spool | P4205095     | Brake Vacuum        | 9.5             | 11/32 | 7      | 69   |
| 1                               | Spool | P311T079     | Transmission Cooler | 7.9             | 5/16  | 7      | 68   |
| 1                               | Spool | P3111048     | Fuel                | 4.8             | 3/16  | 7      | 68   |
| 1                               | Spool | P3111063     | Fuel                | 6.3             | 1/4   | 7      | 68   |
| 1                               | Spool | P3111079     | Fuel                | 7.9             | 5/16  | 7      | 68   |
| 1                               | Spool | P3111095     | Fuel                | 9.5             | 3/8   | 7      | 68   |
| 1                               | Spool | P3300025     | Vacuum & Washer     | 2.5             | 7/64  | 15     | 69   |
| 1                               | Spool | P3300030     | Vacuum & Washer     | 3.0             | 1/8   | 15     | 69   |
| 1                               | Spool | P3300040     | Vacuum & Washer     | 4.0             | 5/32  | 15     | 69   |
| 1                               | Spool | P3300055     | Vacuum & Washer     | 5.5             | 7/32  | 15     | 69   |
| 1                               | Spool | P3300063     | Vacuum & Washer     | 6.3             | 1/4   | 15     | 69   |
| 1                               | Spool | PH533079     | Fuel Injection Hose | 7.9             | 5/16  | 7      | 70   |

- A robustly made powder coated steel cabinet designed to hold 12 spools of hose
- Can be displayed as a free standing unit or mounted to the wall.
- Features metric and imperial measuring scales
- Allows front loading of stock
- Hose type and sizing is clearly marked
- Dimensions (mm): W x H x D 720 x 970 x 220

## PCH-B

### AUTO HEATER HOSE MERCHANDISER



| PCH-B Heater Hose Merchandiser |       |              |             |                 |     |        |      |
|--------------------------------|-------|--------------|-------------|-----------------|-----|--------|------|
| Qty                            | Pack  | Product Code | Description | Inside Diameter |     | Length | Page |
|                                |       |              |             | mm              | ins |        |      |
| 2                              | Spool | P4801127     | Heater Hose | 12.7            | 1/2 | 15     | 70   |
| 2                              | Spool | P4801160     | Heater Hose | 16              | 5/8 | 15     | 70   |
| 2                              | Spool | P4801191     | Heater Hose | 19              | 3/4 | 15     | 70   |

- A robustly made powder coated steel cabinet designed to hold 3 popular sizes of heater hose
- Free standing unit
- Features metric and imperial measuring scales
- Allows front loading of stock
- Hose type and sizing is clearly marked
- Dimensions (mm): W x H x D 480 x 1200 x 430

## TPHC ( Replaces 4523 )

HAND CUTTER SUIT AUTO AND AIR CON HOSES, THERMOPLASTIC, NYLON & FABRIC BRAID RUBBER & PVC HOSE



| Hand Cutting Tool |  |
|-------------------|--|
| Product Code      | Description  |
| TPHC-001          | Hand Cutter for Hose and Tube - Up to 28mm External Diameter |
| TPHCRB - 001      | Replacement Blade for Hand Cutter                            |

- A robustly made hand cutting tool for cleanly cutting a wide range of hose and tube products
- Replaceable blade

# AIR CONDITIONING ASSEMBLIES



## ACH

### AUTO AIR CONDITIONING HOSE (REDUCED BARRIER)



| Product Code | Dimensions   |              |       | Inside Diameter<br>mm |      | Outside Diameter<br>mm |      | Weight |
|--------------|--------------|--------------|-------|-----------------------|------|------------------------|------|--------|
|              | Dash<br>Size | Nominal Dia. |       | min                   | max  | min                    | max  | Kg/m   |
|              |              | mm           | ins   |                       |      |                        |      |        |
| ACH-06       | 6            | 8            | 5/16  | 7.9                   | 8.6  | 14.2                   | 15.2 | 0.13   |
| ACH-08       | 8            | 10           | 13/32 | 10.4                  | 11.2 | 16.8                   | 17.8 | 0.18   |
| ACH-10       | 10           | 12           | 1/2   | 12.5                  | 13.5 | 18.9                   | 19.9 | 0.19   |
| ACH-12       | 12           | 16           | 5/8   | 15.6                  | 16.6 | 23.1                   | 24.1 | 0.30   |

#### Specifications

- Chloroprene blend tube compound
- Extruded polyamide barrier for low permeation
- Single braid polyester reinforcement
- Chlorobutyl cover compound for low moisture ingress
- Permeation: 2.3- 2.6 Kg/m2/yr (tested at 80°C)
- Moisture Ingression: 0.033g/cm2/yr
- Temperature Range of -40°C to +135°C
- Meets SAE J2064 Type C Class I

#### Features

- Light weight and flexible for easy routing
- Compatible with R134a and many other vehicular refrigerants
- Compatible with PAG (Polyalkylene glycol) oil and other popular lubricants

## ACW

### AUTO AIR CONDITIONING WELD ON HOSE TAILS (LIFE SAVERS)



| Product Code    | Fitting Type                  | Tube Size | Hose Tail Size |        |
|-----------------|-------------------------------|-----------|----------------|--------|
| Aluminium Tails |                               |           | Dash           | Actual |
| ACWA1-0606      | Fitting only                  | 3/8"      | 06             | 5/16"  |
| ACWA1-0606RB    | One piece (fitting & ferrule) | 3/8"      | 06             | 5/16"  |
| ACWA1-0808      | Fitting only                  | 1/2"      | 08             | 13/32" |
| ACWA1-0808RB    | One piece (fitting & ferrule) | 1/2"      | 08             | 13/32" |
| ACWA1-0810      | Fitting only                  | 1/2"      | 10             | 1/2"   |
| ACWA1-1010      | Fitting only                  | 5/8"      | 10             | 1/2"   |
| ACWA1-1010RB    | One piece (fitting & ferrule) | 5/8"      | 10             | 1/2"   |
| ACWA1-1210      | Fitting only                  | 3/4"      | 12             | 1/2"   |
| ACWA1-1212      | Fitting only                  | 3/4"      | 12             | 5/8"   |
| ACWA1-1212RB    | One piece (fitting & ferrule) | 3/4"      | 12             | 5/8"   |
| Steel Tails     |                               |           |                |        |
| ACWS1-0606      | Fitting only                  | 3/8"      | 06             | 5/16"  |
| ACWS1-0606RB    | One piece (fitting & ferrule) | 3/8"      | 06             | 5/16"  |
| ACWS1-0808      | Fitting only                  | 1/2"      | 08             | 13/32" |
| ACWS1-0808RB    | One piece (fitting & ferrule) | 1/2"      | 08             | 13/32" |
| ACWS1-1010      | Fitting only                  | 5/8"      | 10             | 1/2"   |
| ACWS1-1010RB    | One piece (fitting & ferrule) | 5/8"      | 10             | 1/2"   |
| ACWS1-1212      | Fitting only                  | 3/4"      | 12             | 5/8"   |
| ACWS1-1212RB    | One piece (fitting & ferrule) | 3/4"      | 12             | 5/8"   |

## ACF\*

### FERRULES TO SUIT REDUCED BARRIER AIR CONDITIONING HOSE



| Product Code | Description                                   |
|--------------|---|
| ACF-06       | Steel ferrule to suit 5/16" ACH Air Con hose  |
| ACF-08       | Steel ferrule to suit 13/32" ACH Air Con hose |
| ACF-10       | Steel ferrule to suit 1/2" ACH Air Con hose   |
| ACF-12       | Steel ferrule to suit 5/8" ACH Air Con hose   |

Use hydraulic ratchet end crimper (beadlock / bubble style) with reduced barrier crimp dies.  
(Refer to Pirtex Assembly Procedure Document WI-0902-34)

# AIR CONDITIONING ASSEMBLIES



## ACABR

### AUTO AIR CONDITIONING ALUMINIUM BRAZING RODS



| Product Code | Description                                      |
|--------------|--|
| ACABR        | Pack of 25 Aluminium brazing rods with flux core |

#### Application

Used to braze Aluminium Weld-On tails to Air Con Tube

## ACNBL

### AUTO AIR CONDITIONING LUBRICANT / SEALANT



| Product Code | Description                          |
|--------------|--------------------------------------|
| ACNBL        | 30 ml Nylog Blue Lubricant / Sealant |

#### Specifications

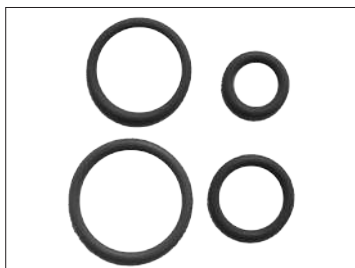
- a synthetic refrigeration oil
- compatible with mixtures of POE (Polyester oil), PAG, mineral and alkyl benzene oils in the presence of HFC-134a, cross blends of CFC and HCFC refrigerants as well as R-410a in POE and PVE (Polyvinylether) lubricants

#### Features

- Non-hardening, non-drying fluid
- bonds tenaciously to many different substrates
- acts as a gasket thread sealant and assembly lube
- Can be used universally or specifically with an HFC bound synthetic oil system

## ACOR

### AUTO AIR CONDITIONING O-RINGS



| Product Code | Description                                     |
|--------------|---|
| ACOR-6       | Air Con O-ring HNBR Green suits -06 (3/8") size |
| ACOR-8       | Air Con O-ring HNBR Green suits -08 (1/2") size |
| ACOR-10      | Air Con O-ring HNBR Green suits -10 (5/8") size |
| ACOR-12      | Air Con O-ring HNBR Green suits -12 (3/4") size |

#### Specifications

- HNBR (Hydrogenated Nitrile Butadiene Rubber)
- good physical strength and retention properties after long term exposure to oil, heat & chemicals.

#### Features

- HNBR Green O-rings are used in valves / ports of air conditioning components and hose assemblies.



# DEF / ADBLUE TUBE & FITTINGS

## DEF/SCR TUBE



Multilayer nylon tube made of ETFE/PA 12. These tubes have excellent performance for corrosion resistance and low Urea solution permeation. They meet the requirements of SAE J844.  
Temperature range: -60°C to +125°C  
Vacuum upto 20inHG

| Part Number | Size mm<br>(ID x OD)" | Working<br>Pressure<br>(PSI)" | Burst<br>Pressure<br>(PSI)" | Bend Radius<br>(mm)" |
|-------------|-----------------------|-------------------------------|-----------------------------|----------------------|
| DEFMPET-03  | 3 x 5                 | 250                           | 1203                        | 30                   |
| DEFMPET-06  | 6 x 8                 | 250                           | 1000                        | 42                   |

### COUPLER FITTINGS

Quick connect fittings in accordance with SAEJ2044

Operating pressure 5-7 bar ( 72-101 PSI ), Occasional peaks upto 11 bar ( 160 PSI )

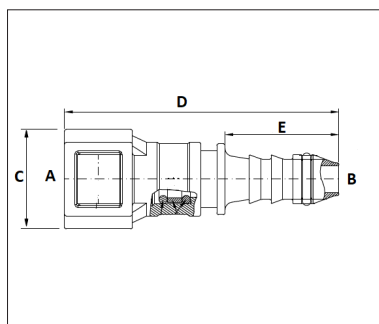
Operating vacuum 0.55bar (-7.2 PSI ) ( 16inHG )

Operating temperature: -40°C to + 120°C ( Occasional peaks to +150°C )

All Quick connect couplers supplied with dust plug.

### DEFSFQC1

## QUICK CONNECT COUPLER STRAIGHT

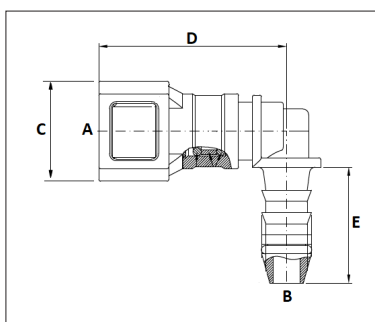


| Product Code  | A             | B<br>( suit tube ) | C<br>( mm ) | D<br>( mm ) | E<br>( mm ) |
|---------------|---------------|--------------------|-------------|-------------|-------------|
| DEFSFQC1-0403 | 1 / 4" (6.30) | 3x5mm              | 18.0        | 44          | 14          |
| DEFSFQC1-0406 | 1/4" (6.30)   | 6X8MM              | 18.0        | 50.5        | 21.0        |
| DEFSFQC1-0506 | 5/16" (7.89)  | 6x8mm              | 20.5        | 52          | 19.1        |
| DEFSFQC1-0606 | 3/8" (9.49)   | 6x8mm              | 23.9        | 50.7        | 21.0        |

\*DEFSFQC1-0606 size incorporates an o-ring on the tail.

### DEFSFQC9

## QUICK CONNECT COUPLER 90°



| Product Code  | A            | B<br>( suit tube ) | C<br>( mm ) | D<br>( mm ) | E<br>( mm ) |
|---------------|--------------|--------------------|-------------|-------------|-------------|
| DEFSFQC9-0403 | 1/4" (6.30)  | 3X5MM              | 18.00       | 31.2        | 14.0        |
| DEFSFQC9-0406 | 1/4" (6.30)  | 6X8MM              | 18.0        | 33.6        | 20.5        |
| DEFSFQC9-0506 | 5/16" (7.89) | 6X8MM              | 20.5        | 32.0        | 19.1        |
| DEFSFQC9-0606 | 3/8" (9.49)  | 6X8MM              | 23.9        | 32.0        | 21.0        |

\*DEFSFQC9-0606 size incorporates an o-ring on the tail.

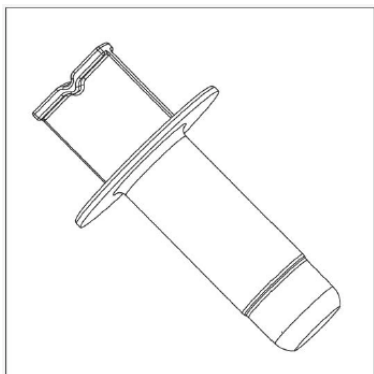


This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

# DEF / ADBLUE TUBE & FITTINGS

## DEFSMDP

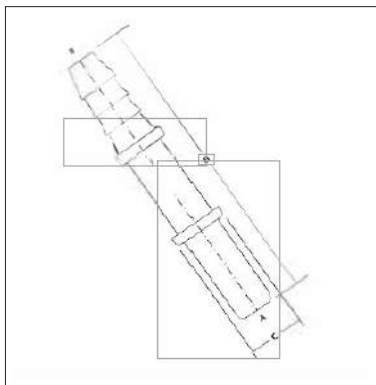
### DUST PLUG TO SUIT QUICK CONNECT COUPLER



| Product Code | Suit Coupler  |
|--------------|---------------|
| DEFSMDP-04   | 1 / 4" (6.30) |
| DEFSMDP-05   | 5/16" (7.89)  |
| DEFSMDP-06   | 3/8" (9.49)   |

## DEFSME1

### QUICK CONNECT MALE END/PROBE STRAIGHT



| Product Code | A            | B<br>(suit tube) | C<br>(mm) | D<br>(mm) |
|--------------|--------------|------------------|-----------|-----------|
| DEFSME1-0506 | 5/16" (7.89) | 6x8mm            | 10.9      | 60.0      |

## DEFTOOL-S

### ASSEMBLY TOOL KIT FOR DEF TUBE & FITTINGS



| Product Code | Kit contents                                |
|--------------|---|
| DEFTOOL-S    | 1 x Base plate with pusher & lever          |
|              | 1 x lever extension                         |
|              | 1 x tubing clamp suit 3x5mm & 6x8mm tube    |
|              | 2 x pusher inserts suit 3x5mm & 6x8mm tails |
|              | 2 x supports for 90° fittings               |

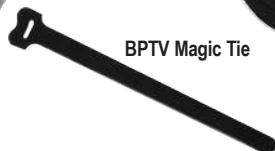
Easy & convenient kit for assembling DEF fittings into tube.

No need to place the plastic fittings into a vice which can potentially break the fitting.

Ensures that the fitting & tube is correctly assembled.

# CABLE TIES

## INCLUDING STAINLESS STEEL TIES AND INSTALLATION GUNS



Recommended  
cable tie / flush  
cutter snips  
Product Code:  
**PCTC**

### Description :

- All Nylon one piece construction
- Min. loop tensile strength ranging from 8.1kg to a maximum of up to 114kg.
- Cable Ties use UL approved Nylon 6/6 with flamability rating of UL94V-2
- Approved to the requirements of MILITARY 3367 - 1978 and UL Underwriters Laboratories E156597
- Temperature range: - 40°C to + 85°C

### Product Range:

- Individual packs
- Mixed pack
- Merchandiser tree
- Also in Stainless Steel and as Velcro® Magic Ties

### Applications:

- A common and useful product for location of hoses in their operating environment
- Use to secure and restrain hose movement to avoid damage through abrasion
- Ideal for urgent small repairs or bundling automotive hoses or electrical cables
- Always take care when using cable ties - consider the application carefully and heed sound installation guidelines. Consult Technical Section A for a guide to installation of hydraulic hoses

| INDIVIDUAL PACKS        |               |            |               |                |                            |
|-------------------------|---------------|------------|---------------|----------------|----------------------------|
| Product Code Cable Ties |               |            | Pack Quantity | Dimensions     | Min. Loop Tensile Strength |
| Nylon                   | 304 St. Steel | Magic Ties |               | mm             | Kg                         |
| BPT10025                |               |            | 100           | 100mm x 2.5mm  | 8.1                        |
| BPT15235                |               |            | 100           | 150mm x 3.5mm  | 18.2                       |
|                         | BPTS20046     |            | 100           | 200mm x 4.6mm  |                            |
| BPT20247 *              |               |            | 100           | 200mm x 4.8mm  | 22.2                       |
|                         | BPTS20080     |            | 100           | 200mm x 8.0mm  |                            |
|                         |               | BPTV20016  | 5             | 200mm x 16mm   |                            |
| BPT30148 *              |               |            | 100           | 300mm x 4.8mm  | 22.2                       |
|                         |               | BPTV30016  | 5             | 300mm x 16mm   |                            |
|                         | BPTS36046     |            | 100           | 360mm x 4.6mm  |                            |
|                         | BPTS36080     |            | 100           | 360mm x 8.0mm  |                            |
| BPT38275                |               |            | 100           | 368mm x 7.6mm  | 54.4                       |
| BPT38348                |               |            | 100           | 370mm x 4.8mm  | 22.2                       |
| BPT43090                |               |            | 100           | 430mm x 9.0mm  | 79.4                       |
| BPT53390                |               |            | 100           | 533mm x 8.0mm  | 79.4                       |
| BPT55013                |               |            | 100           | 580mm x 13mm   | 114.0                      |
| BPT76290                |               |            | 100           | 760mm x 9.0mm  | 79.4                       |
| BPT83090                |               |            | 100           | 830mm x 9.0mm  | 79.4                       |
| BPT102090               |               |            | 100           | 1020mm x 9.0mm | 79.4                       |
| BPT122090               |               |            | 100           | 1220mm x 9.0mm | 79.4                       |

\* Also available in blue, green, red or yellow. Add BL, G, R, or Y Suffix to Product Code

| BPTVR Velcro® One Wrap |             |
|------------------------|-------------|
| Product Code           | Roll Detail |
| BPTVR12                | 23m x 12mm  |
| BPTVR19                | 23m x 19mm  |
| BPTVR25                | 23m x 25mm  |

### AUDIT CABLE TIES



- Colour coded individually serial numbered cable ties
- Nylon 6 one piece construction
- Flammability rating of UL94V2 with a melting point of 215°C
- Ideal for applying to mobile or fixed point machinery, hose assemblies & pipe/ tube for audit identification & risk classification.

| AUDIT CABLE TIES |          |                 |        |
|------------------|----------|-----------------|--------|
| Product Code     | Pack Qty | Dimensions (mm) | Colour |
| BPAT30050G       | 20       | 300 x 5.0       | Green  |
| BPAT30050O       | 20       | 300 x 5.0       | Orange |
| BPAT30050R       | 20       | 300 x 5.0       | Red    |

| CABLE TIE INSTALLATION GUNS |   |
|-----------------------------|---|
| Product Code                | Quantity  |
| BPPCTG-4.8                  | H. Duty Plastic Gun Adjustable Tension, Auto Cutting. Cuts: 2.5 – 4.8mm Wide Cable Ties                 |
| BPPCTG-9.0                  | Metal Gun Adjustable Tension, Auto Cutting Action. Cuts 2.5 – 9.0mm Wide Cable Ties                     |
| BPSCGT-7.9                  | Stainless Steel Gun Tightens & Auto cuts with Adjustable Pressure. Tie Thickness – 0.3mm width to 7.9mm |



# STAINLESS STEEL CRIMP RINGS

## 304 GRADE STAINLESS STEEL

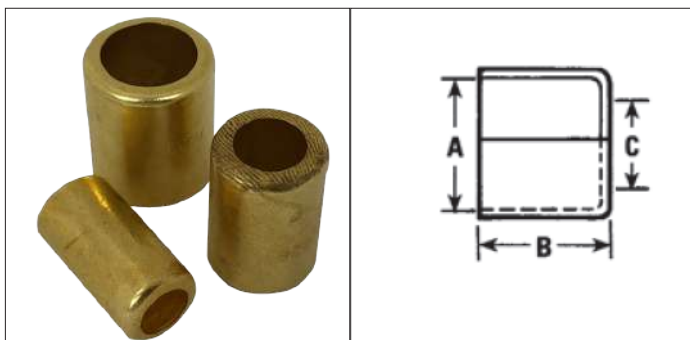


Circular rings used to secure Diffusion Abrasion Sleeve (DAS) along with fire sleeve and braided stainless steel sleeve. Can also be used on low pressure PVC & rubber textile braided hoses in replace of hose clamps.

| "Product Code" | Dimensions (mm) |           |              |
|----------------|-----------------|-----------|--------------|
|                | "ID (mm)"       | "OD (mm)" | "Width (mm)" |
| CR-025         | 25              | 28        | 25           |
| CR-029         | 29              | 32        | 25           |
| CR-031         | 31              | 34        | 30           |
| CR-039         | 39              | 42        | 30           |
| CR-048         | 48              | 51        | 30           |
| CR-057         | 57              | 60        | 30           |
| CR-072         | 72              | 76        | 35           |
| CR-085         | 85              | 89        | 35           |
| CR-098         | 98              | 102       | 40           |
| CR-104         | 104             | 108       | 40           |

## 3981

### BRASS FERRULES FOR LOW PRESSURE HOSES



| Product Code | "ID (mm) A" | "Length (mm) B" | "ID (mm) C" |
|--------------|-------------|-----------------|-------------|
| 3981-04      | 12.7        | 25.4            | 8.6         |
| 3981-05      | 13.5        | 12.0            | 9.4         |
| 3981-06      | 16.6        | 25.4            | 11.1        |
| 3981-08      | 20.6        | 25.4            | 16.0        |

## TEST TAGS

### STAINLESS STEEL ID TAGS & DISC

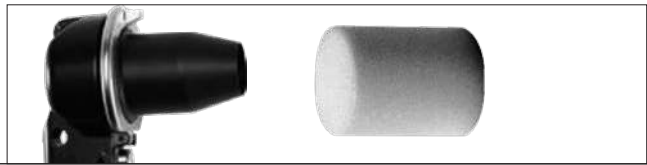


Used to record hose assembly and testing information, then attach to hose. NAVY tag conforms to the requirements of the NAVY Technical Directive. Discs ideal for attaching onto hose assemblies and equipment. All tags can be secured using Pirtek 4.6mm S/S cable ties.

| "Product Code" | Dimensions (mm) |       |           |         |
|----------------|-----------------|-------|-----------|---------|
|                | Length          | Width | Thickness | Hole ID |
| TEST TAG       | 130             | 20    | 0.5       | 4.9     |
| NAVY TAG       | 150             | 20    | 0.6       | 4.9     |
| TEST DISC      | 24.9 (OD)       | -     | 1.2       | 4.9     |

# HOSE CLEANING

## GUNS, PROJECTILES & KITS



### IMPORTANT USAGE NOTE:

Hoses must be cleaned  
FROM BOTH ENDS by use  
of the appropriate pellet  
BEFORE installing the fittings

### Description:

The Pirtek hose cleaning kit is the ideal choice for high volume cleaning of hydraulic pipes and hoses, as well as dry and liquid flow lines. The unit shoots oversized foam projectiles to clean straight, curved and coiled tubes, pipes and hoses 3/16"-2" (4.8-51mm) I.D. A hinged nozzle housing allows rapid loading of projectiles for fast throughput of large cleaning jobs

### Mobile Solution:

For applications where larger hose and tube sizes are not encountered, a smaller kit catering for sizes up to 1.1/4" is available

### Special Situations:

A wide range of special projectiles are available to special order for special situations

Examples include:

Abrasive: Hose, tube or pipe with build up of contamination, surface rust or scale.

Grinding: Straight lengths of tube or pipe with greater build up of contamination, surface rust or scale

### PIRTEK CLEANING KITS - Comes in lockable, sturdy carry case & quick connect air couplings

| Product Code | Description   |
|--------------|---|
| VKIT         | Cleaning of hose, tube & pipe range between 5mm to 32mm (3/16" to 1.1/4") 8 x hose (white) nozzles, 12 x Tube/JIC (green) nozzles. AM-1 hand piece. |
| FKIT         | Cleaning of hose, tube & pipe range between 5mm to 50mm (3/16" to 2") 10 x hose (white) nozzles, 14 x Tube/JIC (green) nozzles. A-2 hand piece.     |

### REPLACEMENT PARTS

| Product Code | Description   |
|--------------|---|
| PJ-32H       | 32mm launcher head for nozzles up to 32mm. Suits AM-1 hand piece                          |
| PJ-HA1       | AM-1 hand piece   |
| PJ-50H       | 50mm launcher head, comes with adaptor ring to suit smaller nozzles. Suits A-2 hand piece |
| PJ-AR        | Adaptor ring suit PJ-50H launcher head for nozzles up to 32mm                             |
| PJ-HA2       | A-2 hand piece  |
| PJ-HN06      | Nozzle (white) suits 1/4" hose  |
| PJ-HN08      | Nozzle (white) suits 5/16" hose   |
| PJ-HN10      | Nozzle (white) suits 3/8" hose  |
| PJ-HN13      | Nozzle (white) suits 1/2" hose  |
| PJ-HN16      | Nozzle (white) suits 5/8" hose  |
| PJ-HN19      | Nozzle (white) suits 3/4" hose  |
| PJ-HN25      | Nozzle (white) suits 1" hose  |
| PJ-HN32      | Nozzle (white) suits 1.1/4" hose  |
| PJ-HN38      | Nozzle (white) suits 1.1/2" hose  |
| PJ-HN50      | Nozzle (white) suits 2" hose  |

### STANDARD HOSE PELLETS

| Product Code | Description             | Qty per Bag | Suits Pipe ID | Suits Hose ID |
|--------------|-------------------------|-------------|---------------|---------------|
|              |                         |             | mm            | ins           |
| PJS-007      | STANDARD PELLET - 7 mm  | 300         | 6             | 1/4"          |
| PJS-010      | STANDARD PELLET - 10 mm | 300         | 8             | 5/16"         |
| PJS-012      | STANDARD PELLET - 12 mm | 300         | 10            | 3/8"          |
| PJS-016      | STANDARD PELLET - 16 mm | 300         | 13            | 1/2"          |
| PJS-020      | STANDARD PELLET - 20 mm | 300         | 16            | 5/8"          |
| PJS-022      | STANDARD PELLET - 22 mm | 300         | 19            | 3/4"          |
| PJS-033      | STANDARD PELLET - 33 mm | 50          | 25            | 1"            |
| PJS-040      | STANDARD PELLET - 40 mm | 50          | 32            | 1.1/4"        |
| PJS-050      | STANDARD PELLET - 50 mm | 40          | 38            | 1.1/2"        |
| PJS-060      | STANDARD PELLET - 60 mm | 30          | 50            | 2"            |
| PJS-070      | STANDARD PELLET - 70 mm | 10          | 63            | 2.1/2"        |
| PJS-075      | STANDARD PELLET - 75 mm | 10          | 70            |               |
| PJS-085      | STANDARD PELLET - 85 mm | 10          | 80            | 3"            |



Launcher head (PJ-50H shown)



Adaptor ring



Hand piece (PJ-HA1 shown)



Hose Nozzle



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.



# THREAD IDENTIFICATION AND TOOL KITS



## TIK THREAD IDENTIFICATION KIT



| Product Code | Description               |
|--------------|---------------------------|
| TIK          | Thread Identification Kit |

### Description

- An all-in-one solution that addresses the need for a simplified guide to identifying the wide range of hydraulic fittings in common use world wide

### Advantages

- Most kits simply list the various fitting types and give a run-down on their identifying characteristics. With these, identifying an unfamiliar thread involves searching through page after page of technical data.
- Pirtek's Kit adopts a more logical approach. Simply choose which picture(s) most closely resemble the unknown fitting, and you will be directed to a small selection of fittings that represent the most likely candidates, along with the page numbers on which they appear in detail.

### Contents

- The Tools You Need
- 3 Steps to Success
- Pictorial Guides
- BSP / JIC / UNO
- SAE / NPT / ORFS
- Flanges
- Metric Ports & Studs
- Metric Compression
- Millimetric / GAZ
- Metric Face Seal (Chinese)
- JIS Metric & BSP
- Banjós Metric & BSP
- Staplelok / Super Staplelok
- SKV / SSKV
- Handy Tips / Variations

## VTSMST 5 PIECE MAGNETIC TOOL KIT



| Product Code | Description               |
|--------------|---------------------------|
| VTSMST       | 5 Piece Magnetic Tool Kit |

### Description:

- A handy tool kit for home, workshops and mobile service vehicles.
- helps find and hold parts and tools, keeping them handy and organised

### Contents:

- 450mm long magnetic tool bar
- Magnetic extendable pocket clip pick up pen
- Magnetic extendable flexible tip pick up tool with LED light
- 150mm diameter magnetic round tray
- 150mm x 250mm magnetic rectangle tray

### Specification:

- 430 grade Stainless Steel magnetic tool trays
- the round tray has 1 magnet of magnetic field intensity 1000-1200 gauss
- the rectangle tray has 2 magnets of 1000-1200 gauss each
- the pick-up tool with LED has 6 LED lights and can lift up to 1.4kg. It requires 4 batteries LR 44 (batteries included)
- the 450mm bar can hold up to 12kg of items
- the pocket clip pick up pen can lift up to 0.4kg

## VTSOHP 2 PIECE O-RING HOOK AND PICK TOOL SET



| Product Code | Description                           |
|--------------|---------------------------------------|
| VTSOHP       | 2 Piece O-Ring Hook and Pick Tool Kit |

### Description:

- 2 ideal tools for facilitating the removal and installation of o-rings, seals & washers

### Safety Caution:

Always wear eye protection to prevent personal injury

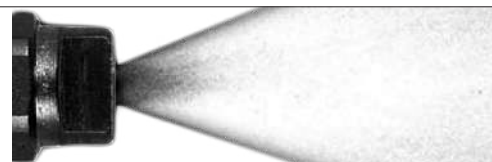
### Specification:

- knurled handle design to ensure positive grip is made from aluminium alloy
- the metal rods are made of S2 alloy steel with tip hardness of between 58-62 Rockwell C

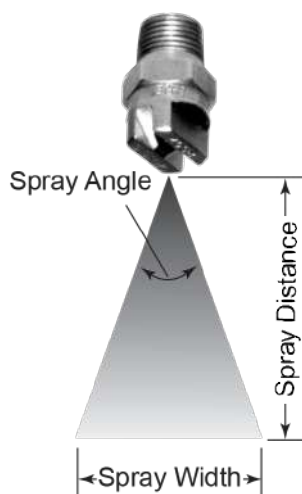


# PRESSURE WASHERS

## GUNS, NOZZLES & COUPLINGS



ACCESSORIES



SPRAY WIDTH TABLE ( THEORETICAL COVERAGE )

| Spray Distance | Nozzle Spray Angle |     |     |     |      |      |      |
|----------------|--------------------|-----|-----|-----|------|------|------|
|                | 5°                 | 15° | 25° | 40° | 65°  | 80°  | 110° |
| 100            | 9                  | 26  | 44  | 73  | 127  | 168  | 286  |
| 125            | 11                 | 33  | 55  | 91  | 159  | 219  | 357  |
| 160            | 14                 | 42  | 71  | 116 | 204  | 268  | 457  |
| 200            | 18                 | 52  | 86  | 146 | 255  | 336  | 571  |
| 250            | 22                 | 66  | 111 | 182 | 319  | 420  | 714  |
| 315            | 27                 | 83  | 140 | 229 | 401  | 529  | 900  |
| 400            | 35                 | 105 | 177 | 291 | 510  | 671  | 1143 |
| 500            | 44                 | 132 | 222 | 364 | 637  | 839  | 1428 |
| 630            | 54                 | 166 | 279 | 459 | 803  | 1057 | 1799 |
| 800            | 70                 | 211 | 355 | 582 | 1019 | 1343 | 2285 |
| 1000           | 90                 | 260 | 440 | 730 | 1270 | 1680 | 2860 |

All measurements in mm

TABLE OF RECOMMENDED FLOW RATES (LITRES / MINUTE) FOR DIFFERENT PRESSURES AND NOZZLE SIZES †

| Nozzle Ø<br>mm | Nozzle Size | Colour Code | Pressure in bar |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------------|-------------|-----------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                |             |             | 20              | 30   | 40   | 50   | 60    | 80    | 100   | 120   | 150   | 175   | 200   | 225   | 250   | 300   | 400   | 500   |
| 1.09           | 0.030       | White       | 3.1             | 3.7  | 4.3  | 4.8  | 5.2   | 6.0   | 6.7   | 7.3   | 8.2   | 8.9   | 9.5   | 10.0  | 10.5  | 11.6  | 13.4  | 15.0  |
| 1.19           | 0.040       | Dk. Yellow  | 4.2             | 5.2  | 5.9  | 6.6  | 7.0   | 8.1   | 9.1   | 10.0  | 11.1  | 12.2  | 12.9  | 13.5  | 14.4  | 15.8  | 18.2  | 20.3  |
| 1.27           | 0.045       | Blue        | 4.5             | 5.5  | 6.4  | 7.1  | 8.0   | 9.2   | 10.3  | 11.3  | 12.6  | 13.0  | 14.6  | 15.3  | 16.3  | 17.8  | 20.6  | 23.0  |
| 1.35           | 0.050       | Lt. Purple  | 5.1             | 6.2  | 7.1  | 8.0  | 8.7   | 10.0  | 11.2  | 12.3  | 13.7  | 14.9  | 15.8  | 16.7  | 17.7  | 19.4  | 22.4  | 25.0  |
| 1.40           | 0.055       | Dk. Red     | 5.6             | 6.8  | 7.8  | 8.7  | 9.8   | 11.3  | 12.6  | 13.8  | 15.4  | 16.7  | 17.8  | 18.8  | 19.9  | 21.8  | 25.2  | 28.2  |
| 1.47           | 0.060       | Dk. Green   | 6.0             | 7.4  | 8.6  | 9.6  | 10.6  | 12.3  | 13.7  | 15.0  | 16.8  | 18.2  | 19.4  | 20.4  | 21.7  | 23.7  | 27.4  | 30.6  |
| 1.52           | 0.065       | Lt. Blue    | 6.6             | 8.0  | 9.3  | 10.4 | 11.5  | 13.2  | 14.8  | 16.2  | 18.1  | 19.7  | 20.9  | 21.9  | 23.0  | 25.6  | 29.6  | 33.0  |
| 1.60           | 0.070       | Orange      | 7.1             | 8.6  | 10.0 | 11.2 | 12.4  | 14.3  | 16.0  | 17.5  | 19.6  | 21.2  | 22.6  | 23.8  | 25.3  | 27.7  | 32.0  | 35.8  |
| 1.65           | 0.075       |             | 7.6             | 9.3  | 10.7 | 12.0 | 13.1  | 15.2  | 16.9  | 18.5  | 20.7  | 22.4  | 23.9  | 25.3  | 26.7  | 29.4  | 33.7  | 37.7  |
| 1.70           | 0.080       | Silver      | 8.0             | 9.8  | 11.3 | 12.7 | 14.1  | 16.3  | 18.2  | 19.9  | 22.3  | 24.1  | 25.7  | 27.0  | 28.8  | 31.5  | 36.4  | 40.7  |
| 1.75           | 0.085       | White Rose  | 8.5             | 10.4 | 12.1 | 13.5 | 15.0  | 17.4  | 19.4  | 21.3  | 23.8  | 25.7  | 27.4  | 28.8  | 30.7  | 33.6  | 38.8  | 43.4  |
| 1.80           | 0.090       | Gold        | 9.1             | 11.1 | 12.8 | 14.3 | 16.3  | 18.8  | 21.0  | 23.0  | 25.7  | 28.0  | 29.7  | 30.3  | 33.2  | 35.1  | 42.0  | 47.0  |
| 1.90           | 0.100       | White Blue  | 10.0            | 12.3 | 14.2 | 16.0 | 17.8  | 20.6  | 23.0  | 25.2  | 28.2  | 31.0  | 31.8  | 32.5  | 36.4  | 39.8  | 46.0  | 51.4  |
| 2.34           | 0.150       |             | 15.1            | 18.5 | 21.3 | 23.9 | 26.1  | 30.2  | 33.8  | 36.9  | 41.3  | 44.6  | 47.7  | 50.5  | 53.3  | 58.7  | 67.2  | 75.2  |
| 2.69           | 0.200       | White Red   | 20.1            | 24.7 | 28.5 | 31.9 | 35.6  | 41.1  | 46.0  | 50.4  | 56.3  | 61.0  | 65.1  | 68.3  | 71.1  | 79.7  | 92.0  | 102.9 |
| 2.99           | 0.250       |             | 25.2            | 30.9 | 35.1 | 39.8 | 43.6  | 50.4  | 56.4  | 61.8  | 69.1  | 74.6  | 79.8  | 84.6  | 89.2  | 96.0  | 110.0 | 125.0 |
| 3.30           | 0.300       |             | 30.2            | 37.0 | 42.7 | 47.8 | 52.4  | 60.5  | 67.6  | 74.0  | 82.8  | 89.4  | 95.6  | 101.0 | 107.0 | 118.0 | 149.0 | 151.0 |
| 3.56           | 0.350       |             | 35.3            | 43.2 | 50.0 | 55.8 | 61.1  | 70.5  | 78.9  | 86.4  | 96.6  | 104.0 | 111.0 | 118.0 | 125.0 | 130.0 | 162.0 | 175.0 |
| 3.81           | 0.400       |             | 40.3            | 49.4 | 57.0 | 63.7 | 69.8  | 80.7  | 90.2  | 98.8  | 110.0 | 119.0 | 127.0 | 135.0 | 143.0 | 157.0 | 198.0 | 202.2 |
| 4.24           | 0.500       |             | 50.5            | 61.6 | 71.4 | 79.8 | 87.4  | 100.9 | 112.9 | 124.0 | 138.0 | 149.0 | 160.0 | 169.0 | 178.0 | 200.0 | 225.0 | 249.0 |
| 4.65           | 0.600       |             | 60.5            | 74.2 | 85.6 | 95.7 | 104.9 | 121.1 | 135.4 | 148.0 | 166.0 | 179.0 | 191.0 | 203.0 | 214.0 | 235.0 | 260.0 | 302.0 |

† Tabulated values indicative only

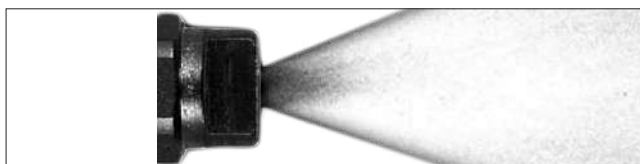


This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

PRESSURE WASHERS

# PRESSURE WASHERS

## GUNS, NOZZLES & COUPLINGS



### IPW-16.

#### MEG NOZZLES - 1/4" NPT



| 15° Chiseling  |                | 25° Flushing   |                | 40° Wash       |                |
|----------------|----------------|----------------|----------------|----------------|----------------|
| Product Code   | Orifice (inch) | Product Code   | Orifice (inch) | Product Code   | Orifice (inch) |
|                |                | IPW-16.1325.25 | 0.025          |                |                |
|                |                |                |                | IPW-16.1340.30 | 0.030"         |
| IPW-16.1315.35 | 0.035"         |                |                |                |                |
| IPW-16.1315.40 | 0.040"         |                |                |                |                |
| IPW-16.1315.45 | 0.045"         | IPW-16.1325.45 | 0.045"         |                |                |
| IPW-16.1315.50 | 0.050"         |                |                |                |                |
|                |                | IPW-16.1325.65 | 0.065"         |                |                |

- Stainless Steel
- Rated to 250 bar
- 1/4" NPT Male Thread
- Can be ordered as a BSPT option

### IPW-21.

#### ADJ. DETERGENT INJECTOR



| Product Code   | Inlet         | Outlet        | Nozzle | Type       |
|----------------|---------------|---------------|--------|------------|
| IPW-21.0150.21 | 3/8" BSP Male | 3/8" BSP Male | 2.1 mm | Adjustable |

- Flow Capacity 30 l/min
- Rated to 280 bar max.
- Max. Temp 90°C

### IPW-25.0700

#### VARIABLE SPRAY HI-LO NOZZLE



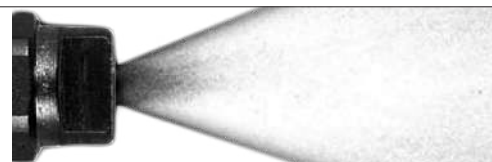
| Product Code   | Colour Code | Orifice | Inlet           | Capacity | Pressure |
|----------------|-------------|---------|-----------------|----------|----------|
| IPW-25.0700.14 | Dark Yellow | 0.040   | 1/4" BSP Female | 40 L/min | 250 bar  |
| IPW-25.0700.15 | Blue        | 0.045   | 1/4" BSP Female | 40 L/min | 250 bar  |

- Push forward for low pressure detergent injection
- Pull back for high pressure activation



# PRESSURE WASHERS

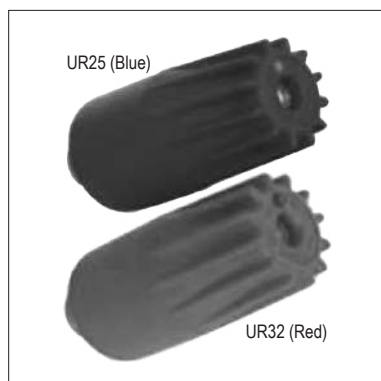
## GUNS, NOZZLES & COUPLINGS



ACCESSORIES

## IPW-25.16xx

### ROTATING TURBO NOZZLE



| Blue UR25 (80 - 250 bar) |             |                | Red UR32 (180 - 352 bar) |             |                |
|--------------------------|-------------|----------------|--------------------------|-------------|----------------|
| Product Code             | Colour Code | Orifice (inch) | Product Code             | Colour Code | Orifice (inch) |
| IPW-25.1620.30           | White       | 0.030          |                          |             |                |
| IPW-25.1620.35           | Brown       | 0.035          |                          |             |                |
| IPW-25.1620.40           | Dark Yellow | 0.040          | IPW-25.1690.40           | Dark Yellow | 0.040          |
| IPW-25.1620.45           | Blue        | 0.045          |                          |             |                |
| IPW-25.1620.50           | Light Blue  | 0.050          |                          |             |                |
| IPW-25.1620.55           | Dark Red    | 0.055          |                          |             |                |
| IPW-25.1620.70           | Orange      | 0.070          |                          |             |                |

- Concentrated stream in a conical pattern
- Inlet 1/4" BSPT Female Thread

## IPW-26.00xx

### M22x1.5 TYPE A STANDARD NIPPLE



| M22 Standard Adaptor Nipples |               |            |
|------------------------------|---------------|------------|
| Product Code                 | Metric Thread | BSP Thread |
| IPW-26.0002.31               | M22 x 1.5     | 1/4" Fem   |
| IPW-26.0030.31               | M22 x 1.5     | 3/8" Male  |
| IPW-26.0031.31               | M22 x 1.5     | 3/8" Fem   |
| IPW-26.0051.31               | M22 x 1.5     | 1/4" Male  |

- All examples use a M22x 1.5 metric thread to take a 14 mm pin of standard length
- BSP adaptor threads as tabulated
- Suit flow rates to 40 litres / min
- Rated pressure 250 bar (max. 280 bar)

## IPW-26.0250

### M22 STANDARD CONNECTOR NUTS



| M22 Standard Connector Nuts |               |             |
|-----------------------------|---------------|-------------|
| Product Code                | Metric Thread | BSP Thread  |
| IPW-26.0250.20              | M22 x 1.5     | 1/4" Female |
| IPW-26.0250.30              | M22 x 1.5     | 1/4" Male   |
| IPW-26.0250.40              | M22 x 1.5     | 3/8" Female |
| IPW-26.0250.50              | M22 x 1.5     | 3/8" Male   |

- All examples use a M22x 1.5 metric thread and incorporate a 14 mm pin of standard length
- BSP adaptor threads as tabulated
- Suit flow rates to 40 litres / min
- Rated pressure 250 bar (max. 280 bar)

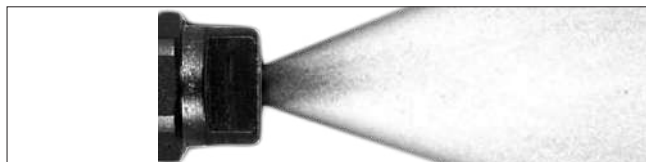


This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

PRESSURE WASHERS

# PRESSURE WASHERS

## GUNS, NOZZLES & COUPLINGS



### IPW-26.1032

#### M22x1.5 TYPE A EXTENDED NIPPLE



##### M22 Extended Pin Adaptor Nipples

| Product Code   | Metric Thread | BSP Thread |
|----------------|---------------|------------|
| IPW-26.1032.31 | M22 x 1.5     | 1/4" Fem   |

- M22x 1.5 metric thread to accommodate an extended length 14 mm pin
- 1/4" BSP female adaptor thread
- Suit flow rates to 40 litres / min
- Rated pressure 250 bar (max. 280 bar)



Extended vs Standard  
Nipple Length

### IPW-26.1034

#### M22 EXTENDED CONNECTOR NUTS



##### M22 Standard Connector Nuts

| Product Code   | Metric Thread | BSP Thread  |
|----------------|---------------|-------------|
| IPW-26.1034.20 | M22 x 1.5     | 1/4" Female |
| IPW-26.1034.50 | M22 x 1.5     | 1/4" Male   |

- M22x 1.5 metric thread incorporating a 14 mm pin of extended length
- BSP adaptor threads as tabulated
- Suit flow rates to 40 litres / min
- Rated pressure 250 bar (max. 280 bar)

### IPW-26.1050

#### IN-LINE BRASS SWIVEL



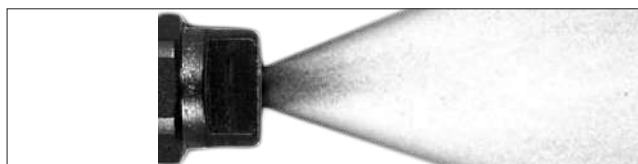
##### In-Line Brass Swivel

| Product Code   | Inlet         | Outlet          |
|----------------|---------------|-----------------|
| IPW-26.1050.00 | 3/8" BSP Male | 3/8" BSP Female |

- Suit flow rates to 40 litres / min
- Rated pressure 250 bar (max. 280 bar)

# PRESSURE WASHERS

## GUNS, NOZZLES & COUPLINGS



ACCESSORIES

### IPW-26.2010

3/8" QUICK COUPLING BODY - BSP THREAD



| Product Code   | BSP Thread  | Material            | Coupling I.D (mm) | Working Pressure |
|----------------|-------------|---------------------|-------------------|------------------|
| IPW-26.2010.00 | 3/8" Male   | Nickel plated Brass | 15                | 279 Bar          |
| IPW-26.2010.10 | 3/8" Female | Nickel plated Brass | 15                | 279 Bar          |
| IPW-26.2010.20 | 1/4" Female | Nickel plated Brass | 15                | 279 Bar          |

### IPW-26.20xx

3/8" QUICK COUPLING PLUG - BSP THREAD



| Product Code   | BSP Thread  | Material            | Plug O.D (mm) | Working Pressure |
|----------------|-------------|---------------------|---------------|------------------|
| IPW-26.2015.61 | 3/8" Female | Nickel plated Brass | 14.8          | 279 Bar          |
| IPW-26.2016.61 | 1/4" Female | Nickel plated Brass | 14.8          | 279 Bar          |
| IPW-26.2023.61 | 3/8" Male   | Nickel plated Brass | 14.8          | 279 Bar          |

### IPW-28.1000

STRAINER WITH CHECK VALVE



| Plastic Strainer with Check Valve |           |  |
|-----------------------------------|-----------|--|
| Product Code                      | Hose Barb |  |
| IPW-28.1000.30                    | 7 mm      |  |

- 7 mm hose barb
- Stainless steel check valve
- Plastic body

PRESSURE WASHERS

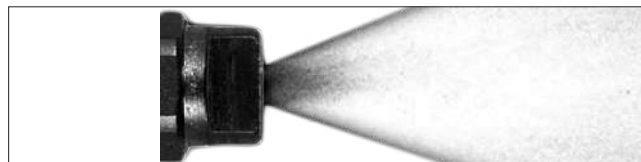


This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.



# PRESSURE WASHERS

## GUNS, NOZZLES & COUPLINGS



### IPW-30.12xx RL37 SPRAY GUNS



RL37 SPRAY GUNS WITH SWIVEL INLET

| Product Code   | Inlet        | Outlet       | Pressure | Feature    |
|----------------|--------------|--------------|----------|------------|
| IPW-30.1215.00 | 3/8" BSP Fem | 1/4" BSP Fem | 280 bar  | Weep Gun † |
| IPW-30.1220.86 | 3/8" BSP Fem | 1/4" BSP Fem | 280 bar  | -          |

- 3/8" BSP female swivel attachment
- Suit flow rates to 40 litres / min
- Rated pressure as tabulated
- †By Design, this gun will continue to weep even after the handle is released. This is to prevent lines in colder climates freezing up.

### IPW-30.20xx VEGA SPRAY GUNS - 4500 psi (310 Bar) max. W.P.



VEGA SPRAY GUNS

| Product Code   | Inlet        | Outlet       | Swivel |
|----------------|--------------|--------------|--------|
| IPW-30.2000.86 | 3/8" BSP Fem | 1/4" BSP Fem | No     |
| IPW-30.2030.92 | 3/8" BSP Fem | 1/4" BSP Fem | Yes    |

- 3/8" BSP female attachment
- Suit flow rates to 40 litres / min
- 310 bar (4500 psi) pressure rating

### IPW-30.4500 RL56 PROFESSIONAL SPRAY GUN



RL56 PROFESSIONAL SPRAY GUN

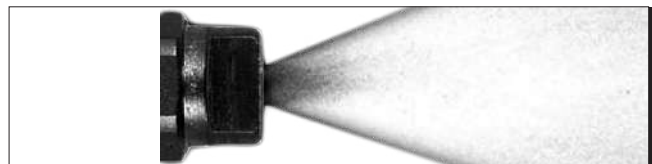
| Product Code   | Inlet        | Outlet       | Pressure |
|----------------|--------------|--------------|----------|
| IPW-30.4500.10 | 3/8" BSP Fem | 1/4" BSP Fem | 350 bar  |

- High pressure low volume gun
- Suit flow rates to 30 litres / min
- 350 bar pressure rating



# PRESSURE WASHERS

## GUNS, NOZZLES & COUPLINGS



ACCESSORIES

### IPW-30.6425

#### RB65 SPRAY GUN - FOOD INDUSTRY



##### RB65 WASH DOWN GUN WITH SWIVEL INLET

| Product Code   | Inlet Thread     | Temperature |
|----------------|------------------|-------------|
| IPW-30.6425.00 | 1/2" BSPP Female | Up to +90°C |

- Specialty gun for low pressure wash down
- Ideal in food, dairy and transit mixer applications
- adjustable flow capacity from 0-60 liters/min
- 24 bar working pressure
- Shock proof design
- Blue rubber extremities prevent breakage when dropped
- The ideal companion to Pirtek Premium Washdown Hose IRPWD

### IPW-40.0370

#### VENTED HAND GRIP



##### VENTED 380 mm HAND GRIP

| Product Code   | Inlet         | Outlet          |
|----------------|---------------|-----------------|
| IPW-40.0370.00 | 1/4" BSP Male | 1/4" BSP Female |

- Flow Rate 40 litres/min
- Zinc plated steel tube
- 250 bar working pressure
- 380 mm long

### IPW-40.0503

#### STAINLESS STEEL LANCE TUBE



##### Stainless Steel Lance Tube 500 mm

| Product Code   | Length | Pressure |
|----------------|--------|----------|
| IPW-40.0503.56 | 500 mm | 250 bar  |

- 1/4" BSP male threaded ends
- 40 litres/min flow capacity
- Stainless steel tube

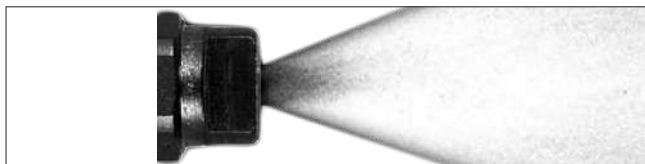
PRESSURE WASHERS



This page is part of a complete catalogue containing technical and safety data.  
All data must be reviewed when selecting a product.  
Pirtek reserve the right to change technical specifications without notice.

## PRESSURE WASHERS

GUNS, NOZZLES &amp; COUPLINGS



IPW-40.0965.00

S3 VENTED GRIP SPRAY LANCE



## S3 VENTED GRIP SPRAY LANCE 900 mm

| Product Code   | Inlet         | Outlet          | Pressure |
|----------------|---------------|-----------------|----------|
| IPW-40.0965.00 | 1/4" BSP Male | 1/4" NPT Female | 250 bar  |

- Stainless steel tube
- 40 litres/min flow capacity
- Vented plastic grip
- Complete with nozzle protector

IPW-41.0900.00

DUAL HI-LO SPRAY LANCE



## DUAL HI-LO SPRAY LANCE WITH VENTED GRIP

| Product Code   | Inlet         | Outlet       | Length  |
|----------------|---------------|--------------|---------|
| IPW-41.0900.00 | 1/4" BSP Male | 1/4" NPT Fem | 1090 mm |

- Stainless Steel
- 40 litres/min flow capacity
- 250 bar working pressure
- Vented plastic grip
- Twist grip allows switching between high pressure and detergent

IPW-60.0016.60

PULSAR UNLOADER WITH GAUGE PORT - 3200 psi (220 Bar) W.P.



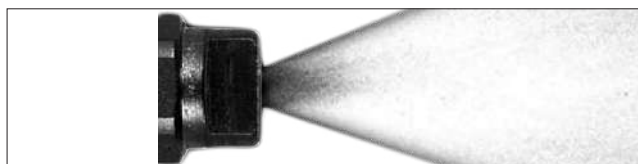
## PULSAR 3 UNLOADER VALVE WITH PRESSURE GAUGE PORT

| Product Code   | Inlet (2)    | Outlet       | By-Pass (2)  |
|----------------|--------------|--------------|--------------|
| IPW-60.0016.60 | 3/8" BSP Fem | 3/8" BSP Fem | 3/8" BSP Fem |

- Suits flow rates to 30 litres / min
- 220 bar (3200 psi) working pressure (250 bar max)
- Includes 1/4" BSP pressure gauge port
- 90°C max temperature

# PRESSURE WASHERS

## GUNS, NOZZLES & COUPLINGS



ACCESSORIES

PRESSURE WASHERS

### IPW-85.240.300

DETERGENT NOZZLE 1/4" NPT TO SUIT DUAL LANCE - BRASS



| Brass Detergent Nozzle |           |
|------------------------|-----------|
| Product Code           | Function  |
| IPW-85.240.300N        | Detergent |

- Adds detergent in dual lance guns
- 1/4" NPT Male Thread
- Can be ordered as a BSPT option

### IPW-85.300

1/4" QUICK CONNECT COUPLING BODY - NPT THREAD



| Product Code    | NPT Thread  | Material        | Coupling I.D (mm) | Working Pressure |
|-----------------|-------------|-----------------|-------------------|------------------|
| IPW-85.300.102  | 1/4" Female | Brass           | 11.9              | 137 Bar          |
| IPW-85.300.102S | 1/4" Female | Stainless Steel | 11.9              | 345 Bar          |
| IPW-85.300.153S | 1/2" Female | Stainless Steel | 11.9              | 345 Bar          |

### IPW-85.300

1/4" QUICK CONNECT COUPLING PLUG - NPT THREAD



| Product Code    | NPT Thread  | Material        | Coupling I.D (mm) | Working Pressure |
|-----------------|-------------|-----------------|-------------------|------------------|
| IPW-85.300.101S | 1/4" Female | Stainless Steel | 11.7              | 345 Bar          |
| IPW-85.300.109S | 1/4" Male   | Stainless Steel | 11.7              | 345 Bar          |
| IPW-85.300.151S | 1/2" Female | Stainless Steel | 11.7              | 345 Bar          |