



QUICK-CONNECT Industrial Air Hose Couplings

MATERIAL:

Coupling body is manufactured of Spheroidal Graphite Iron which has undergone ferritization heat treatment. Couplings are also available in Grade 316 Stainless Steel Material; and in Steel material. Nitrile Rubber Seals are oil resistant. All iron couplings zinc plated silver.

PRESSURE RATINGS:

Tested by a registered NATA accredited test laboratory in accordance with AS1180.5D. Couplings with solid seal passed at 11,000kpa (1600psi) and with standard Nitrile rubber bellows seal 8,200kpa (1190psi).

Pressure ratings exceed; AS2554: Hose & Hose Assemblies for air (maximum working pressure 1.6mpa)
AS2660: Hose & Hose Assemblies for Air/water Underground Mining (maximum working pressure 1.75mpa)

ALOK®

SIZE	MALE THREAD	HOSE END	FEMALE THREAD	SEAL
1/2" [12mm]	AM 12	AH 12	AF 12	AX-1
3/4" [19mm]	AM 20	AH 20	AF 20	AX-1
1" [25mm]	AM 25	AH 25	AF 25	AX-1

ATW 25 three-way connector

Safety Locking Pins SP1280AS

STAYTITE®

SIZE	MALE THREAD	HOSE END	FEMALE THREAD	SEAL
1/2" [12mm]	SM 12	SH 12	SF 12	SX-1
3/4" [19mm]	SM 20	SH 20	SF 20	SX-1
1" [25mm]	SM 25	SH 25	SF 25	SX-1
1 1/2" [38mm]	SM 40	SH 40	SF 40	SX-2
2" [51mm]	SM 50	SH 50	SF 50	SX-2
3" [76mm]		SH 80		SX-3

STW 25 three-way connector

Safety Locking Pins SP1280AS

MANUFACTURING STANDARDS:

Couplings are manufactured in accordance with the following Standards:

- AS 1831 Iron Castings – Spheroidal or Nodular Graphite Cast Iron
- ASTM A 395. Ferritic Ductile Iron pressure retaining castings for use at elevated temperatures. This Standard specifies chemical, physical and hardness required.
- ASTM A 536. Standard specifies tensile requirements
- ISO 1083-1976. Intn'l Organisation for Standardisation Spheroidal /Nodular Graphite cast iron.
- BS 2789-1985. Specification for SG Iron mechanical properties.
- DIN 1693 -1973. Grade & Structure for Iron with nodular graphite.
- US Military 11466A [ordnance] for instructions on heat treatment.

Manufactured under strict Quality Assurance Standards in ISO Accredited Foundry.

Note: These couplings are not to be used in steam applications.