

CL 425 LPG EN 1762:2021 - TYPE SD



TEMPERATURE RANGE: -50°C / +80°C (liquid gas), +90°C (fuel). Safety factor: 5:1

APPLICATION: Liquefied gas suction and delivery hose for filling and draining vehicle tanks, and for dockside service. Manufactured according to EN 1762:2019 type SD, CL 425 is a heavy duty liquefied petroleum gas (LPG) propane/butane transfer hose, ideal for large volume bulk loading/unloading. The hose construction incorporates multiple plies of textile reinforcement for flexibility and wire helix for kink resistance, the cover is resistant to abrasion, oil and ozone. The hose meets EN ISO and AS/NZ requirements. Suitable as a reel mounted hose.

FEATURE: The molecules of natural gas are small, enhancing their ability to permeate through standard rubber hose constructions. The permeation process is more rapid as the working pressure increases, and natural gas accumulates with potentially dangerous consequences. The special compound of CL 425 LPG, is extremely gas-tight. In addition, the hose includes bleeder cords to allow trapped gas to be safely vented out, and cover is Pinpricked to allow the permeation of gases.

TUBE: Synthetic rubber black, electrically conductive, smooth. Reinforcement: multiple textile plies wrapped, 2 crossed copper wires. Double steel helical embedded wire to resist collapse and crush.

COVER: Synthetic rubber compound, black, resistant to ozone, weather and abrasion. Resistant to oil, electrically conductive, pin-pricked, fabric impression. Marking: continuous transfer tape: "ROITER® CL 425 LPG - WP 26 BAR - EN 1762/2019 -Type SD - MADE IN ITALY", and continuous embossed tape according to EN 1762:2019 requirements. Standard/approval: UNI EN 1762:2019 - Rubber hoses and hose assemblies for liquefied petroleum gas, LPG (liquid or gaseous phase), and natural gas up to 25 bar (2,5 MPa). Manufactured acc to AS1869.1:2023 (Nonmetallic liners) Class C.

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INTERNAL DIAMETER		WALL THICKNESS	EXTERNAL DIAMETER	WORKING PRESSURE	BENDING RADIUS	WEIGHT APPROX	COIL LENGTH
mm	inch	mm	mm	(max) bar	Kg/m	Kg/m	(max)m
13	1/2	6,5	26	26	90	0,58	40
16	5/8	6,5	29	26	95	0,72	40
19	3/4	7	33	26	100	0,85	40
25	1	7	39	26	150	1,04	40
32	1 1/4	7,5	47	26	200	1,30	40
38	1 1/2	7,5	53	26	280	1,51	40
51	2	8	67	26	350	2,13	40
63	2 1/2	9	81	26	480	2,90	40
76	3	9	94	26	550	3,57	40
102	4	10	122	26	720	5,37	40
152	6	12	176	26	1000	9,99	40
203	8	12	233	26	1400	17,52	20
*254	10	20	294	26	1750	27,72	12
*305	12	22	349	26	2100	33,58	12

* Only with built-in couplings

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