046 VHP Non conductive

Constant pressure thermoplastic non-conductive hose for very high pressure hydraulic applications
From 550 to 700 bar (8000 to 10000 psi)



FEATURES

Inner tube
Polyester elastomer

Reinforcement
Two braids of aramid fiber

Cover
Polyurethane, orange, non pinpricked, black ink-jet branding

Applications
- Rescue and safety equipment
- High pressure systems and pumps
- Jacking and rerailing equipment
- Equipment requiring electrical high insulation

Features
- Two aramid braids construction for compact design
- Lightweight and flexible
- Tight bend radii for use on hose reels and in tight environments
- Antiabrasion cover

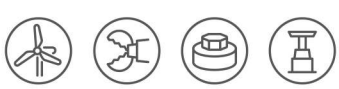
Description
Exceeds the former American Jacking Specifications IJ100 (1/4"). Very High Pressure hose suitable for petroleum or synthetic based hydraulic fluids in hydraulic systems - Aramid braid ensures longevity as well as pressure performance and compact design. For applications requiring electrical high insulation or non-conductivity in high voltage environment e.g. near electrical power lines.

Temperature range
-40°C to +100°C
(-40°F to +212°F)
Limited to +70°C (+158°F) for air and water based fluids

Vacuum rating
-0,93 bar/-700 mm Hg
-13,5 psi/-27,5 inch Hg

Specifications
Hoses meet standards SAE J517/J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50µA when a 152 mm sample is subject to 37.5 KV for 5 minutes equivalent to 250 KV/meter

APPLICATIONS



PACKAGING



Part No.	Hose size			ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.	
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar	psi		mm	inch	g/m	lbs/ft	carbon	stainless
0460	-2	1/8"	4	4,00	0,157	9,10	0,358	700	10000	2800	40000	4:1	25	0,98	60	0,040	SAF101	SAF801
0461	-3	3/16"	5	5,00	0,197	11,00	0,433	700	10000	2800	40000	4:1	30	1,18	95	0,064	SAF111	SAF811
0462	-4	1/4"	6	6,60	0,260	14,00	0,551	700	10000	2800	40000	4:1	35	1,38	145	0,097	SAF121	SAF821
0464	-6	3/8"	10	9,70	0,382	18,00	0,709	550	8000	2200	32000	4:1	70	2,76	200	0,134	SAF141	SAF841