TRANSFER OIL
Pure Fluid Attitude

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 - laser 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 - Abrasion resistant cover

Description
Exceeds the former American Jacking Specifications - 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 tension 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 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.

Standard Branding
TRANSFER OIL - TO HYDRAULIC - Part No - VHP NON CONDUCTIVE - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - www.transferoil.com - QQ/YY - Batch No

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
0460	DN4	1/8	-2	4.0	9.1	700	2800	0.157	0.358	10000	40000	4:1	25	0.98	60	0.040	SAF101	SAF801
0461	DN5	3/16	-3	5.0	11.0	700	2800	0.197	0.433	10000	40000	4:1	30	1.18	88	0.059	SAF111	SAF811
0462	DN6	1/4	-4	6.6	14.2	700	2800	0.260	0.559	10000	40000	4:1	35	1.38	140	0.094	SAF121	SAF821
0464	DN10	3/8	-6	9.7	18.1	550	2200	0.382	0.713	8000	32000	4:1	70	2.76	205	0.138	SAF141	SAF841

AVAILABLE INSERTS

Part	Dash	Inch	DN	F-BSPP	F-DKOL	F-DKOS	F-JIC	F-MET	F-NPSM	F-NPT	F-TYPE	M-BSPP	M-BSPT	M-CEL	M-CES	M-MET	M-NPT
0460	-2	1/8	DN4	SOA								SOB					
0461	-3	3/16	DN5	SOA			SOH					SOB					SOD
0462	-4	1/4	DN6	SOA	SOF	SOM	SOH	SOV	SOP	SOC	SOQ	SOB	SOO	SOI	SOL	SOK	SOD
0464	-6	3/8	DN10	SOA	SOF	SOM	SOH					SOB		SOI	SOL		SOD

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.
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