



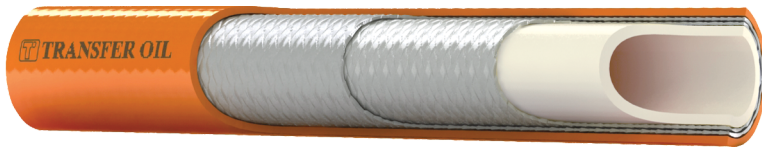
TRANSFER OIL

Pure Fluid Attitude



155 - R18 CPLT 3000 NC - CONSTANT PRESSURE NON COND.

Thermoplastic constant pressure non-conductive hose with low temperature specifications (-55°C / -67 °F) for hydraulic applications up to 210 bar (3000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One or two braids of synthetic fiber

Cover

Special polyester - orange - non pinpricked - black ink-jet branding

Applications

High voltage equipment - Aerial platforms - All industrial and hydraulic applications exposed to low temperatures or cyclic and quick temperature changes

Features

2 polyester braid construction from 1/4"-DN6 onwards - Optimum bonding between the tube the braids and cover - Special polyester cover resistant to low temperatures and meteorological harsh conditions - Tight bend radii without cover wrinkling

Description

Meets or exceeds SAE 100R18 specifications - Medium pressure hose suitable for petroleum or synthetic based hydraulic fluids in hydraulic systems requiring electrical high insulation or non-conductivity in high tension environment. Optimum bonding characteristics and special cover also make it the ideal hose for equipment operating in cold environments while maintaining a high level of flexibility.

Temperature Range

-55 °C to +100 °C (-67 °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

SAE 100R18 // ISO3949-R18

Hoses meet standards SAE J517/J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50A 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 - R18 CPLT 3000 NC - CONSTANT PRESSURE LOW TEMP NON CONDUCTIVE - SAE 100R18-Dash Size - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - www.transferoil.com - 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
1551	DN5	3/16	-3	5.0	9.6	210	840	0.197	0.378	3000	12000	4:1	25	0.98	60	0.040	SAB111	SAB811
1552	DN6	1/4	-4	6.5	12.2	210	840	0.256	0.480	3000	12000	4:1	35	1.38	98	0.066	SAB121	SAB821
1553	DN8	5/16	-5	8.1	14.3	210	840	0.319	0.563	3000	12000	4:1	45	1.77	129	0.087	SAB131	SAB831
1554	DN10	3/8	-6	9.7	16.6	210	840	0.382	0.654	3000	12000	4:1	45	1.77	166	0.112	SAB141	SAB841
1555	DN12	1/2	-8	13.0	22.5	210	840	0.512	0.886	3000	12000	4:1	70	2.76	293	0.197	SA5151	SA5851
1556	DN16	5/8	-10	16.3	26.1	210	840	0.642	1.028	3000	12000	4:1	100	3.94	371	0.249	SA5161	SA5861

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