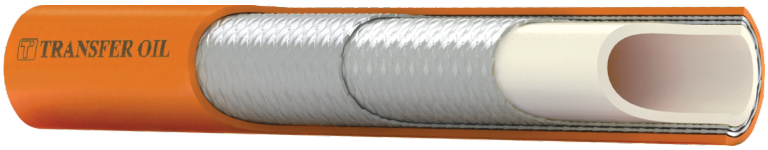
TRANSFER OIL
Pure Fluid Attitude

022 - R18 CPLFC 3000 - CONSTANT PRESSURE NON COND.

Thermoplastic constant pressure non-conductive hose for hydraulic applications up to 210 bar (3000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One or two braids of synthetic fiber

Cover

LFC polyurethane - orange matte - non pinpricked - black ink-jet branding

Applications

Hydraulic equipment in contact with high voltage - rescue equipment - Aerial platforms - Cranes - Equipment requiring high electrical insulation

Features

Light - Flexible - Compact - LFC cover anti-grip - non pinpricked - highly resistant to abrasion

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. Thanks to the anti-grip cover (LFC - Low Friction Cover) hoses can slide easily simplifying installation specially in hose bundles.

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

SAE 100R18 // ISO3949-R18

Hoses meet standards SAE J517/J343 and ISO3949 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 - CPLFC 3000 NEO NON CONDUCTIVE - SAE 100R18-Dash Size - Inch Size - DN Size - WP bar / psi - 305 - 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
0221	DN5	3/16	-3	5.0	9.1	210	840	0.197	0.358	3000	12000	4:1	25	0.98	50	0.034	SAB111	SAB811
0222	DN6	1/4	-4	6.5	11.8	210	840	0.256	0.465	3000	12000	4:1	35	1.38	90	0.060	SAB121	SAB821
0223	DN8	5/16	-5	8.1	14.3	210	840	0.319	0.563	3000	12000	4:1	45	1.77	130	0.087	SAB131	SAB831
0224	DN10	3/8	-6	9.7	16.5	210	840	0.382	0.650	3000	12000	4:1	45	1.77	165	0.111	SAB141	SAB841
0225	DN12	1/2	-8	13.0	21.2	210	840	0.512	0.835	3000	12000	4:1	70	2.76	240	0.161	SA5151	SA5851
0226	DN16	5/8	-10	16.3	26.1	210	840	0.642	1.028	3000	12000	4:1	100	3.94	370	0.249	SA5161	SA5861

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.
Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.
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