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 - Laser 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 - 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
0221	DN5	3/16	-3	5.0	9.1	210	840	0.197	0.358	3000	12000	4:1	25	0.98	53	0.036	SAB111	SAB811
0222	DN6	1/4	-4	6.5	11.8	210	840	0.256	0.465	3000	12000	4:1	35	1.38	88	0.059	SAB121	SAB821
0223	DN8	5/16	-5	8.1	14.3	210	840	0.319	0.563	3000	12000	4:1	45	1.77	127	0.085	SAB131	SAB831
0224	DN10	3/8	-6	9.7	16.5	210	840	0.382	0.650	3000	12000	4:1	45	1.77	157	0.105	SAB141	SAB841
0225	DN12	1/2	-8	13.0	21.3	210	840	0.512	0.839	3000	12000	4:1	70	2.76	249	0.167	SA5151	SA5851
0226	DN16	5/8	-10	16.3	26.0	210	840	0.642	1.024	3000	12000	4:1	100	3.94	362	0.243	SA5161	SA5861

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