



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 | 21.2 | 210 | 840 | 0.512 | 0.835 | 3000 | 12000 | 4:1 | 70 | 2.76 | 249 | 0.167 | SA5151 | SA5851 |
| 0226 | DN16 | 5/8 | -10 | 16.3 | 26.1 | 210 | 840 | 0.642 | 1.028 | 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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