TRANSFER OIL
Pure Fluid Attitude

037 - CPLFC 3600 NEO CONSTANT PRESSURE NON COND.

Thermoplastic constant pressure non-conductive hose for hydraulic applications up to 250 bar (3600 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

2 polyester braid construction - Optimum bonding between the different layers - Tight bend radii without cover wrinkling - Light - Flexible - Compact - Orange anti-grip LFC cover - non pinpricked - Abrasion resistant

Description

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 making it easier to install specially when in 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

Exceeds SAE 100R18 // ISO3949-R18 pressure rating

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 3600 NC - CONSTANT PRESSURE 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
0371	DN5	3/16	-3	5	9.6	250	1000	0.197	0.378	3600	14400	4:1	25	0.98	61	0.041	SAB111	SAB811
0372	DN6	1/4	-4	6.5	13.0	250	1000	0.256	0.512	3600	14400	4:1	35	1.38	119	0.080	SAB121	SAB821
0373	DN8	5/16	-5	8.1	15.2	250	1000	0.319	0.598	3600	14400	4:1	45	1.77	147	0.099	SAB131	SAB831
0374	DN10	3/8	-6	9.7	18.0	250	1000	0.382	0.709	3600	14400	4:1	45	1.77	201	0.135	SAC141	SAC841

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.
Document date: 26/11/2026
www.transferoil.com