



## 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

**T<sup>o</sup> 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](http://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

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*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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