



TRANSFER OIL

Pure Fluid Attitude



142 - R18 CPLT 3000 NEO

Thermoplastic constant pressure hose with low temperature specifications (-55 °C/-67 °F) for hydraulic applications up to 210 bar (3000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One or two braids of synthetic fiber

Cover

Special polyester - black - not pinpricked - laser branding

Applications

Forklift handling - All industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes

Features

2 polyester braid construction from 5/16"-DN8 onwards - Optimum bonding between the tube the braids and the cover - Special polyester cover resistant to low temperatures and meteorological harsh conditions - Tight bend radii without cover wrinkling

Description

Meets or exceeds SAE 100R18 specifications - Medium pressure hose suitable for petroleum or synthetic based hydraulic fluids in hydraulic systems of forklifts. Optimum bonding characteristics and special cover also make it the ideal hose for equipment operating in cold environments while maintaining a high level of flexibility.

Temperature Range

-55 °C to 100 °C (-67 °F to 212 °F): limited to 70 °C (158 °F) for air and water based fluids

Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

Specifications

SAE 100R18 // ISO3949-R18

Standard Branding

TRANSFER OIL - TO HYDRAULIC - Part No - CPLT 3000 NEO - SAE 100R18-Dash Size - 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
1421	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
1422	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
1423	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
1424	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
1425	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
1426	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.
Document date: 12/02/2025
www.transferoil.com*