



# TRANSFER OIL

Pure Fluid Attitude



## 143 - R18 CPLT 3000 NEO TWIN

Thermoplastic constant pressure hose with MSHA approved cover, 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 - non 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 1/4"-DN6 onwards - Optimum bonding between the tube the braids and the cover - Special polyester cover resistant to low temperatures and the continuous in and out of cold storage rooms - 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. Suitable for power chains

#### 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** nbsp;- TO HYDRAULIC - Part No - CPLT 3000 NEO TWIN - 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
1431	DN5	3/16	-3	5.0	9.1	210	840	0.197	0.358	3000	12000	4:1	25	0.98	100	0.067	SAB111	SAB811
1432	DN6	1/4	-4	6.5	11.8	210	840	0.256	0.465	3000	12000	4:1	35	1.38	180	0.121	SAB121	SAB821
1433	DN8	5/16	-5	8.1	14.3	210	840	0.319	0.563	3000	12000	4:1	45	1.77	260	0.175	SAB131	SAB831
1434	DN10	3/8	-6	9.7	16.5	210	840	0.382	0.650	3000	12000	4:1	45	1.77	330	0.222	SAB141	SAB841
1435	DN12	1/2	-8	13.0	21.3	210	840	0.512	0.839	3000	12000	4:1	70	2.76	480	0.323	SA5151	SA5851
1436	DN16	5/8	-10	16.3	26.0	210	840	0.642	1.024	3000	12000	4:1	100	3.94	740	0.497	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: 04/07/2026  
[www.transferoil.com](http://www.transferoil.com)*