TRANSFER OIL
Pure Fluid Attitude

021 - R18 CP 3000 NEO TWIN

Thermoplastic medium pressure hose with MSHA approved cover, suitable for petroleum or synthetic based hydraulic fluids in hydraulic systems of forklifts. Up to 210 bar (3000 psi)



FEATURES

Inner Tube
Polyester elastomer

Reinforcement
One or two braids of synthetic fiber

Cover
Polyurethane - black - non pinpricked - laser branding

Applications
Forklift trucks

Features
Two polyester braid construction from 5/16" | DN8 onwards - 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 - High level of flexibility - Suitable for power chains

Temperature Range
-40 °C to +100 °C (-40 °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 - CP 3000 NEO TWIN - SAE 100R18-Dash Size - Inch Size - DN Size - WP bar / psi - MSHA IC-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
0211	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
0212	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
0213	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
0214	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
0215	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
0216	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: 26/11/2026
www.transferoil.com