



TRANSFER OIL

Pure Fluid Attitude



126 - R8 NON CONDUCTIVE

Thermoplastic non-conductive hose for high pressure hydraulic applications from 140 to 350 bar (2000 to 5000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One braid of aramid fiber

Cover

Polyurethane - orange - laser branding

Applications

High voltage equipment - Safety and rescue equipment - Aerial platforms - Cranes - Equipment requiring electrical high insulation

Features

Aramid reinforcement for high pressure performance - Lightweight - Flexible - Compact - Bonded construction - Orange cover - Non pin-pricked - Abrasion resistant

Description

Meets or exceeds SAE 100R8 - High pressure hose suitable for petroleum or synthetic based hydraulic fluids used in hydraulic applications requiring electrical high insulation or non-conductivity in high tension environment e.g. near electrical power lines. Approved by MSHA - Mine Safety and Health Administration - number IC-305.

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

SAE 100R8 // EN855-R8 // ISO3949-R8

Hoses meet standards SAE J517/J343 and EN855 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 - R8 NON CONDUCTIVE - SAE 100R8-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
1261	DN5	3/16	-3	5.0	8.9	350	1400	0.197	0.350	5000	20000	4:1	30	1.18	52	0.035	SAB111	SAB811
1262	DN6	1/4	-4	6.5	11.5	350	1400	0.256	0.453	5000	20000	4:1	50	1.97	84	0.056	SAB121	SAB821
1263	DN8	5/16	-5	8.1	13.4	300	1200	0.319	0.528	4300	17200	4:1	55	2.17	106	0.071	SAB131	SAB831
1264	DN10	3/8	-6	9.7	15.5	280	1120	0.382	0.610	4000	16000	4:1	60	2.36	136	0.091	SAB141	SAB841
1265	DN12	1/2	-8	13.0	19.9	245	980	0.512	0.783	3500	14000	4:1	80	3.15	208	0.140	SAB151	SAB851
1266	DN16	5/8	-10	16.3	23.4	200	800	0.642	0.921	2900	11600	4:1	125	4.92	251	0.169	SAB161	SAB861
1267	DN20	3/4	-12	19.5	27.1	165	660	0.768	1.067	2300	9200	4:1	150	5.91	324	0.218	SAB171	SAB871
1268	DN25	1	-16	25.9	34.2	140	560	1.020	1.346	2000	8000	4:1	200	7.87	443	0.298	SAB181	SAB881

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