



TRANSFER OIL

Pure Fluid Attitude



095 - R7 NON CONDUCTIVE

Thermoplastic non-conductive hose for hydraulic applications from 70 to 210 bar (1000 to 3000 psi)



FEATURES

Inner Tube

Polyester elastomer.

Reinforcement

One or two braids of synthetic fiber

Cover

Polyurethane, orange, non pinpricked, laser branding.

Applications

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

Features

Lightweight - Flexible - Compact - Orange cover - Non pinpricked - Bonded construction - Abrasion resistant.

Description

Meets or exceeds SAE 100R7 - Medium pressure hose suitable for petroleum or 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 100R7 // EN855-R7 // ISO3949-R7

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 - R7 NON CONDUCTIVE - SAE 100R7-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
0950	DN4	1/8	-2	4.0	8.3	210	840	0.157	0.327	3000	12000	4:1	25	0.98	48	0.032	SAB101	SAB801
0951	DN5	3/16	-3	5.0	9.6	210	840	0.197	0.378	3000	12000	4:1	25	0.98	63	0.042	SAB111	SAB811
0952	DN6	1/4	-4	6.5	12.2	210	840	0.256	0.480	3000	12000	4:1	35	1.38	97	0.065	SAB121	SAB821
0953	DN8	5/16	-5	8.1	14.3	190	760	0.319	0.563	2700	10800	4:1	45	1.77	127	0.085	SAB131	SAB831
0954	DN10	3/8	-6	9.7	16.0	160	640	0.382	0.630	2300	9200	4:1	55	2.17	149	0.100	SAB141	SAB841
0955	DN12	1/2	-8	13.0	20.3	140	560	0.512	0.799	2000	8000	4:1	75	2.95	224	0.151	SAB151	SAB851
0956	DN16	5/8	-10	16.3	23.7	105	420	0.642	0.933	1500	6000	4:1	110	4.33	278	0.187	SAB161	SAB861
0957	DN20	3/4	-12	19.5	27.1	90	360	0.768	1.067	1300	5200	4:1	140	5.51	335	0.225	SAB171	SAB871
0958	DN25	1	-16	25.9	34.0	70	280	1.020	1.339	1000	4000	4:1	190	7.48	460	0.309	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