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 - Cover 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.
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