TRANSFER OIL

Pure Fluid Attitude

052 - R7 MARINER

Thermoplastic hose with MSHA approved cover, for marine 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 - black - pinpricked - laser branding

Applications

Marine and off-shore equipment - Boats - Cranes - Marine transport systems

Features

Lightweight - Flexible - Compact - Bonded construction - Abrasion resistant - Pinpricked cover

Description

Meets or exceeds SAE 100R7 - Medium pressure hose suitable for petroleum synthetic or water based hydraulic fluids used in applications requiring increased resistance to seawater and saline environment - It is also recommended for general on-shore equipment working in high humidity environment.

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 100R7 // EN855-R7 // ISO3949-R7

Standard Branding

TRANSFER OIL - TO HYDRAULIC - Part No - R7 MARINER - SAE 100R7-Dash Size - Inch Size - DN Size - WP bar / psi - MSHA IC-305/01 - 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
0520	DN4	1/8	-2	4.0	8.3	210	840	0.157	0.327	3000	12000	4:1	25	0.98	45	0.030	SAB101	SAB801
0521	DN5	3/16	-3	5.0	9.6	210	840	0.197	0.378	3000	12000	4:1	25	0.98	59	0.040	SAB111	SAB811
0522	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
0523	DN8	5/16	-5	8.1	14.3	190	760	0.319	0.563	2700	10800	4:1	45	1.77	128	0.086	SAB131	SAB831
0524	DN10	3/8	-6	9.7	16.0	160	640	0.382	0.630	2300	9200	4:1	55	2.17	146	0.098	SAB141	SAB841
0525	DN12	1/2	-8	13.0	20.3	140	560	0.512	0.799	2000	8000	4:1	75	2.95	218	0.146	SAB151	SAB851
0526	DN16	5/8	-10	16.3	23.7	105	420	0.642	0.933	1500	6000	4:1	110	4.33	274	0.184	SAB161	SAB861
0527	DN20	3/4	-12	19.5	27.1	90	360	0.768	1.067	1300	5200	4:1	140	5.51	333	0.224	SAB171	SAB871
0528	DN25	1	-16	25.9	34.0	70	280	1.020	1.339	1000	4000	4:1	190	7.48	453	0.304	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: 25/11/2026
www.transferoil.com