TRANSFER OIL
Pure Fluid Attitude

097 - R7 EXTRA TOUGH

Thermoplastic hose extremely wear resistant for hydraulic applications from 140 to 210 bar (2000 to 3000 psi)



FEATURES

Inner Tube
Polyester elastomer

Reinforcement
One or two braids of synthetic fiber

Cover
Polyurethane - black - pinpricked - laser branding

Applications
Heavy duty construction and agricultural equipment - Cranes - General hydraulics

Features
Extremely wear and abrasion resistant - High fiexibility - Increased cover thickness - Bonded construction - Limited change in length - Pinpricked cover

Description
Meets or exceeds SAE 100R7 - Medium pressure hose suitable for hydraulic applications requiring extreme wear and abrasion resistance - For use with petroleum or synthetic or water based hydraulic fluids in hydraulic systems - Suitable for general fluid power transmissions like earthmoving or agricultural machinery and all applications where a hose must be protected against possible external damage - Also suitable for many industrial gases (check for compatibility).

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 EXTRA TOUGH - SAE 100R7-Dash Size - Inch Size - DN Size - WP bar / psi - 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
0971	DN5	3/16	-3	5.0	10.4	210	840	0.197	0.409	3000	12000	4:1	25	0.98	76	0.051	SAB111	SAB811
0972	DN6	1/4	-4	6.5	12.9	210	840	0.256	0.508	3000	12000	4:1	35	1.38	116	0.078	SAB121	SAB821
0974	DN10	3/8	-6	9.7	16.6	160	640	0.382	0.654	2300	9200	4:1	55	2.17	168	0.113	SAB141	SAB841
0975	DN12	1/2	-8	13.0	21.4	140	560	0.512	0.843	2000	8000	4:1	75	2.95	267	0.179	SA5151	SA5851

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.