



# 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 flexibility - 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.  
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