



# TRANSFER OIL

Pure Fluid Attitude



## 075 - R8 ANTIABRASION

Thermoplastic hose with MSHA approved cover, for high pressure hydraulic applications from 140 to 420 bar (2000 to 6000 psi)



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

One braid of aramid fiber

#### Cover

Polyurethane - black - pinpricked - laser branding

#### Applications

Construction and agricultural equipment - Forklift trucks - Articulating and telescopic booms - Aerial platforms - Safety and rescue equipment - Scissor lifts - Cranes - Jacking applications (DN6, S.F 2:1) - General hydraulics - Industrial gases

#### Features

Aramid reinforcement for high pressure performance - Compact and lightweight - Bonded construction - Abrasion resistant - Extremely low change in length - Pinpricked cover

#### Description

Meets or exceeds SAE 100R8 - Compact high pressure hose suitable for hydraulic applications with increased resistance to abrasion and very low expansion - 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 or forklifts trucks and other high pressure equipment - Also suitable for many industrial gases (check for compatibility) - 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 air and water based fluids

#### Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

#### Specifications

SAE 100R8 // EN855-R8 // ISO3949-R8

#### Standard Branding

**TO TRANSFER OIL** - TO HYDRAULIC - Part No - R8 ANTIABRASION - SAE 100R8-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
0750	DN4	1/8	-2	4.0	8.0	420	1680	0.157	0.315	6000	24000	4:1	25	0.98	45	0.030	SAB101	SAB801
0751	DN5	3/16	-3	5.0	8.9	350	1400	0.197	0.350	5000	20000	4:1	30	1.18	52	0.035	SAB111	SAB811
0752	DN6	1/4	-4	6.5	11.5	350	1400	0.256	0.453	5000	20000	4:1	50	1.97	84	0.056	SAB121	SAB821
0753	DN8	5/16	-5	8.1	13.4	300	1200	0.319	0.528	4300	17200	4:1	55	2.17	106	0.071	SAB131	SAB831
0754	DN10	3/8	-6	9.7	15.5	280	1120	0.382	0.610	4000	16000	4:1	60	2.36	136	0.091	SAB141	SAB841
0755	DN12	1/2	-8	13.0	19.9	245	980	0.512	0.783	3500	14000	4:1	80	3.15	208	0.140	SAB151	SAB851
0756	DN16	5/8	-10	16.3	23.4	200	800	0.642	0.921	2900	11600	4:1	125	4.92	251	0.169	SAB161	SAB861
0757	DN20	3/4	-12	19.5	27.1	165	660	0.768	1.067	2300	9200	4:1	150	5.91	323	0.217	SAB171	SAB871
0758	DN25	1	-16	25.9	34	140	560	1.020	1.339	2000	8000	4:1	200	7.87	443	0.298	SAB181	SAB881

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*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.*  
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