



# TRANSFER OIL

Pure Fluid Attitude



## 087 - 1SB - STEEL BRAID ANTIABRASION

Thermoplastic hose MSHA approved with steel reinforcement for hydraulic applications from 95 to 360 bar (1300 to 5200 psi)



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

One braid of steel wire

#### Cover

Polyurethane - black - non pinpricked - laser branding

#### Applications

General hydraulic applications requiring additional mechanical protection: construction and agricultural equipment - agricultural brake systems - hoisting and handling equipments - industrial machines.

#### Features

Slimline construction for compact installation and flexibility - Lightweight - Steel braid offers low volumetric expansion and optimum change in length characteristics - Abrasion resistant.

#### Description

Meets or exceeds pressure specifications of UNI EN 853 1ST - EN 853 1SN and EN 857 1SC - High pressure hose suitable for petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving - agricultural machinery - forklifts trucks and other high pressure equipment. Steel braid offers increased mechanical protection compared to yarn braided hoses. 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 100R1. Meets or exceeds pressure specification of EN 853 1SN and EN 857 1SC

#### Standard Branding

 **TRANSFER OIL** - TO HYDRAULIC - Part No - 1SB - STEEL BRAID ANTIABRASION - Inch Size - DN Size - WP bar / psi - MSHA IC-305 - MADE IN ITALY - [www.transferoil.com](http://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
0871	DN5	3/16	-3	5.0	9.7	360	1440	0.197	0.382	5200	20800	4:1	30	1.18	128	0.086	SAB111	SAB811
0872	DN6	1/4	-4	6.5	11.7	310	1240	0.256	0.461	4500	18000	4:1	40	1.57	164	0.110	SAB121	SAB821
0873	DN8	5/16	-5	8.1	13.2	250	1000	0.319	0.520	3600	14400	4:1	55	2.17	198	0.133	SAB131	SAB831
0874	DN10	3/8	-6	9.8	15.5	225	900	0.386	0.610	3200	12800	4:1	65	2.56	245	0.165	SAB141	SAB841
0875	DN12	1/2	-8	13.0	18.8	190	760	0.512	0.740	2700	10800	4:1	85	3.35	312	0.210	SAB151	SAB851
0876	DN16	5/8	-10	16.3	22.0	140	560	0.642	0.866	2000	8000	4:1	115	4.53	334	0.224	SAB161	SAB861
0877	DN20	3/4	-12	19.5	25.8	115	460	0.768	1.016	1600	6400	4:1	145	5.71	480	0.323	SAB171	SAB871
0878	DN25	1	-16	25.8	33.4	95	380	1.016	1.315	1300	5200	4:1	180	7.09	655	0.440	SAB181	SAB881

*Dimensions and values shown may be changed without prior notice to improve product performances and reliability.*

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