TRANSFER OIL
Pure Fluid Attitude

087 - 1SB - STEEL BRAID ANTIABRASION

Thermoplastic hose with MSHA approved cover, featuring 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 equipment - 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 rating 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 - 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 100R1. Meets or exceeds pressure rating 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 - 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	126	0.085	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	190	0.128	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	310	0.208	SAB151	SAB851
0876	DN16	5/8	-10	16.3	22.0	140	560	0.642	0.866	2000	8000	4:1	115	4.53	351	0.236	SAB161	SAB861
0877	DN20	3/4	-12	19.5	25.8	115	460	0.768	1.016	1600	6400	4:1	145	5.71	464	0.312	SAB171	SAB871
0878	DN25	1	-16	25.8	33.4	95	380	1.016	1.315	1300	5200	4:1	180	7.09	667	0.448	SAB181	SAB881

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