TRANSFER OIL
Pure Fluid Attitude

082 - 2SB - TWO STEEL BRAIDS ANTIABRASION TWIN

Thermoplastic hose with MSHA approved cover, with double steel reinforcement for high pressure hydraulic applications from 150 to 400 bar (2100 to 5800 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

Two braids of steel wire

Cover

Polyurethane - black - non pinpricked - laser branding

Applications

General hydraulic applications requiring high mechanical protection properties of hose and braid combined with high pressure - construction equipment - hoisting and handling equipment - machine tools

Features

Rugged construction for heavy duty applications and prolonged lifetime - Two steel braid offers low volumetric expansion and optimum change in length characteristics - Abrasion resistant

Description

High pressure hose suitable for petroleum synthetic or water based hydraulic fluids in hydraulic systems -Suitable for general fluid power transmissions like earthmoving - forklifts trucks - HD construction machinery - hoisting and handling equipment - high pressure equipment - Two steel braid design offers very high mechanical strength which prolongs lifetime of the hose in harsh conditions - Cover approved by MSHA (Mine Safety and Health Administration), number IC-305 - Suitable for power chains

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

Meets or exceeds the pressure rating of SAE 100R2.

Standard Branding

TRANSFER OIL - TO HYDRAULIC - Part No - 2SB - TWO STEEL BRAIDS ANTIABRASION TWIN - 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
0822	DN6	1/4	-4	6.4	12.8	400	1600	0.252	0.504	5800	23200	4:1	40	1.57	501	0.337	SAC121	SAC821
0823	DN8	5/16	-5	8.1	14.8	400	1600	0.319	0.583	5800	23200	4:1	50	1.97	629	0.423	SAC131	SAC831
0824	DN10	3/8	-6	9.8	16.8	330	1320	0.386	0.661	4700	18800	4:1	65	2.56	755	0.507	SAC141	SAC841
0825	DN12	1/2	-8	13.0	20.2	260	1040	0.512	0.795	3700	14800	4:1	85	3.35	953	0.640	SAC151	SAC851
0826	DN16	5/8	-10	16.3	23.7	220	880	0.642	0.933	3100	12400	4:1	115	4.53	1133	0.761	SAC161	SAC861
0827	DN20	3/4	-12	19.5	27.8	150	600	0.768	1.094	2100	8400	4:1	170	6.69	1439	0.967	SAC171	SAC871

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.
Document date: 26/11/2026
www.transferoil.com