



## 082 - 2SB - TWO STEEL BRAIDS ANTIABRASION TWIN

Thermoplastic hose MSHA approved 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 equipments - machine tools

#### Features

Rugged construction for HD application 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. 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

Meets the pressure performance requirements 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](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
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.*

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