



TRANSFER OIL

Pure Fluid Attitude



166 - A92.2 ANTIABRASION

Thermoplastic hose for hydraulic applications from 90 to 210 bar (1300 to 3000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One or two braids of synthetic fiber

Cover

Polyurethane - black - pinpricked - laser branding

Applications

Mobile equipment - Articulating and telescopic booms - Aerial platforms - Scissor lifts - Cranes - General hydraulics

Features

Lighter more flexible and more compact than traditional R1 hoses - Bonded construction - Abrasion resistant - Limited change in length - Pinpricked cover

Description

Complies with ANSI A92.2 for vehicle-mounted aerial devices - Medium pressure hose suitable for hydraulic applications with increased resistance to abrasion. For use with petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions such as mobile equipment.

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

Standard Branding

TRANSFER OIL - TO HYDRAULIC - Part No - A92.2 ANTIABRASION - ANSI A92.2-Dash Size - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - www.transferoil.com - QQ/YY - Batch No

WARNING

3:1 Safety Factor is acceptable if eventual hose failure will not result in movement of aerial device. SAE standards require 4:1 Design Factor.

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
1660	DN4	1/8	-2	4.0	8.3	210	840	0.157	0.327	3000	12000	4:1	25	0.98	52	0.035	SAB101	SAB801
1661	DN5	3/16	-3	5.0	9.6	210	840	0.197	0.378	3000	12000	4:1	25	0.98	60	0.040	SAB111	SAB811
1662	DN6	1/4	-4	6.5	12.2	210	840	0.256	0.480	3000	12000	4:1	35	1.38	98	0.066	SAB121	SAB821
1663	DN8	5/16	-5	8.1	14.3	210	760	0.319	0.563	3000	10800	3.5:1	45	1.77	130	0.087	SAB131	SAB831
1664	DN10	3/8	-6	9.7	16.0	210	640	0.382	0.630	3000	9200	3:1	55	2.17	149	0.100	SAB141	SAB841
1665	DN12	1/2	-8	13.0	20.3	180	560	0.512	0.799	2600	8000	3:1	75	2.95	222	0.149	SAB151	SAB851
1666	DN16	5/8	-10	16.3	23.7	140	420	0.642	0.933	2000	6000	3:1	110	4.33	278	0.187	SAB161	SAB861
1667	DN20	3/4	-12	19.5	27.1	120	360	0.768	1.067	1700	5200	3:1	140	5.51	338	0.227	SAB171	SAB871
1668	DN25	1	-16	25.9	34.0	90	280	1.020	1.339	1300	4000	3:1	190	7.48	461	0.310	SAB181	SAB881

*Dimensions and values shown may be changed without prior notice to improve product performances and reliability.
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Document date: 28/05/2026
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