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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