TRANSFER OIL
Pure Fluid Attitude

109 - CPHR 5000 - CONSTANT PRESSURE HYBRID REINFORCEMENT

Thermoplastic constant pressure hose with MSHA approved cover, with combined reinforcement for very high pressure hydraulic applications up to 350 bar (up to 5000 psi)



FEATURES

Inner Tube

Polyester elastomer

Reinforcement

One braid of aramid fiber plus one braid 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 application and prolonged lifetime - Combined reinforcement 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, forklift trucks, HD construction machinery, hoisting and handling equipment, high pressure equipment - 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.

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 - CPHR 5000 - CONSTANT PRESSURE HYBRID REINFORCEMENT - 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
1092	DN6	1/4	-4	6.5	11.8	350	1400	0.256	0.465	5000	20000	4:1	50	1.97	155	0.104	SAC121	SAC821
1093	DN8	5/16	-5	8.1	14.3	350	1400	0.319	0.563	5000	20000	4:1	50	1.97	200	0.134	SAC131	SAC831
1094	DN10	3/8	-6	9.7	16.2	350	1400	0.382	0.638	5000	20000	4:1	60	2.36	259	0.174	SAC141	SAC841
1095	DN12	1/2	-8	13.0	20.5	350	1400	0.512	0.807	5000	20000	4:1	80	3.15	341	0.229	SAC151	SAC851

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