



TRANSFER OIL

Pure Fluid Attitude



060 - OFF SHORE MASTER 5k

Thermoplastic constant pressure hose MSHA approved for off-shore high pressure hydraulic applications up to 350 bar (5000 psi)



FEATURES

Inner Tube

Polyamide PA11 Rilsan® BESNO P40 TLO

Reinforcement

Up to three braids of aramid fiber

Cover

Polyurethane - black - non pinpricked - laser branding

Applications

Marine and off-shore equipment - ROVs (remotely operated vehicles) - BOP valves - Methanol injection - Seismic air gun systems

Features

Aramid reinforcement for high pressure performance- Lightweight - Flexible - Compact - Bonded construction - Abrasion resistant

Specifications

Hose manufactured to the applicable requirements of API 17E / ISO 13628-5

Temperature Range

-40 °C to 100 °C (-40 °F to 212 °F): limited to 70 °C (158 °F) for water and water based fluids

Description

High pressure hose suitable for petroleum synthetic or water based hydraulic fluids used in applications requiring increased resistance to seawater and saline environment. The size the pressure rating and special cover make this hose the optimal choice for off-shore equipments like ROVs (remotely operated vehicles) tethered underwater robots used in the off-shore industry. Specially designed hose can be manufactured upon request.

Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

SPECIFICATIONS

Hose manufactured to the applicable requirements of API 17E / ISO 13628-5

Standard Branding

TRANSFER OIL - TO HYDRAULIC - Part No - OFF SHORE MASTER 5k - Inch Size - DN Size - WP bar / psi - MSHA IC-305/01 - 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
0601	DN5	3/16	-3	5.0	9.6	350	1400	0.197	0.378	5000	20000	4:1	30	1.18	59	0.040	SAF111	SAF811
0602	DN6	1/4	-4	6.5	12.1	350	1400	0.256	0.476	5000	20000	4:1	50	1.97	89	0.060	SAF121	SAF821
0604	DN10	3/8	-6	9.9	17.1	350	1400	0.390	0.673	5000	20000	4:1	60	2.36	167	0.112	SAF141	SAF841
0605	DN12	1/2	-8	13.0	21.7	350	1400	0.512	0.854	5000	20000	4:1	80	3.15	271	0.182	SAF151	SAF851
0607	DN20	3/4	-12	19.5	29.8	350	1400	0.768	1.173	5000	20000	4:1	150	5.91	412	0.277	SAF171	SAF871
0608	DN25	1	-16	25.9	39.0	350	1400	1.020	1.535	5000	20000	4:1	250	9.84	726	0.488	SAF181	SAF881

AVAILABLE INSERTS

Part	Dash	Inch	DN	F-BSPP	F-DKOL	F-DKOS	F-JIC	F-NPSM	M-BSPP	M-BSPT	M-CEL	M-CES	M-NPT
0601	-3	3/16	DN5	SOA	SOF	SOM	SOH		SOB	SOO	SOI		SOD
0602	-4	1/4	DN6	SOA	SOF	SOM	SOH	SOP	SOB	SOO	SOI	SOL	SOD
0604	-6	3/8	DN10	SOA	SOF	SOM	SOH		SOB	SOO	SOI	SOL	SOD
0605	-8	1/2	DN12	SOA	SOF	SOM	SOH	SOP	SOB	SOO	SOI	SOL	SOD
0607	-12	3/4	DN20	SOA	SOF	SOM	SOH	SOP	SOB	SOO		SOL	SOD
0608	-16	1	DN25	SOA	SOF	SOM	SOH	SOP	SOB				SOD

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: 21/12/2024

www.transferoil.com