



## 040 - VHP 10000 MARINER

Thermoplastic constant pressure hose with MSHA approved cover, for marine very high pressure hydraulic applications up to 700 bar (10000 psi).



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

Up to three braids of aramid fiber plus one braid of steel wire

#### Cover

Polyurethane - black - non pinpricked - laser branding

#### Applications

Off-shore and sub-sea high pressure systems - Pumps and valves - Bolt tensioning tools - Jacking and rerailing equipment

#### Features

Combined Aramid Steel braid construction for compact design - Lightweight and flexible - Tight bend radii for use on hose reels and in tight environments - Abrasion resistant cover

#### Description

Exceeds the former American Jacking Specifications IJ100 (1/4") - Very High Pressure hose suitable for petroleum or synthetic or water based hydraulic fluids in hydraulic systems and applications requiring increased resistance to seawater and saline environment - Is also recommended for general on-shore equipment working in high humidity environment - Combined Aramid Steel braid ensures longevity pressure performance and compact design

#### 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 - VHP 10000 MARINER - Inch Size - DN Size - WP bar / psi - MSHA IC-305/01 - 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
0402	DN6	1/4	-4	6.6	12.8	700	2800	0.260	0.504	10000	40000	4:1	35	1.38	194	0.130	SAF121	SAF821
0404	DN10	3/8	-6	9.8	18.9	700	2800	0.386	0.744	10000	40000	4:1	90	3.54	327	0.220	SAF141	SAF841
0405	DN12	1/2	-8	13.0	24.5	700	2450	0.512	0.965	10000	35000	3.5:1	100	3.94	528	0.355	SAF151	SAF851

### AVAILABLE INSERTS

Part	Dash	Inch	DN	F-BSPP	F-DKOL	F-DKOS	F-JIC	F-MET	F-NPSM	F-NPT	F-TYPE	M-BSPP	M-BSPT	M-CEL	M-CES	M-MET	M-NPT
0402	-4	1/4	DN6	SOA	SOF	SOM	SOH	SOV	SOP	SOC	SOQ	SOB	SOO	SOI	SOL	SOK	SOD
0404	-6	3/8	DN10	SOA	SOF	SOM	SOH					SOB		SOI	SOL		SOD
0405	-8	1/2	DN12	SOA	SOF	SOM	SOH					SOB		SOI	SOL		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.*

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