



## 041 - VHP 10000

Thermoplastic hose MSHA approved with combined reinforcements for very high pressure hydraulic applications up to 700 bar (up to 10000 psi)



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

#### Cover

Polyurethane - black - non pinpricked - laser branding

#### Applications

Rescue and safety equipment - High pressure systems and pumps  
- Bolt tensioning tools - Jacking and rerailing equipment

#### Features

Combined Aramid Steel braid construction for compact design -  
Lightweight and flexible - Light bend radii for use on hose reels  
and in tight environments - Antiabrasion 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 - Combined Aramid Steel braid ensures longevity pressure performance and compact design.  
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 - VHP 10000 -  
Inch Size - DN Size - WP bar / psi - MSHA IC-305 - 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
0412	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
0414	DN10	3/8	-6	9.8	18.9	700	2800	0.386	0.744	10000	40000	4:1	90	3.54	329	0.221	SAF141	SAF841

### 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
0412	-4	1/4	DN6	SOA	SOF	SOM	SOH	SOV	SOP	SOC	SOQ	SOB	SOO	SOI	SOL	SOK	SOD
0414	-6	3/8	DN10	SOA	SOF	SOM	SOH					SOB		SOI	SOL		SOD

Multicolor



04R



04Y



04O



04B



04G

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.  
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 Document date: 18/04/2025  
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