



## 141 - VHP 10000 TWIN

Thermoplastic hose with MSHA approved cover, with combined reinforcements for very high pressure hydraulic applications up to 700 bar (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 - 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 - Combined Aramid Steel braid ensures longevity pressure performance and compact design. Cover approved by MSHA (Mine Safety and Health Administration) - number IC-305. Suitable for power chains

#### 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  
TWIN - Inch Size - DN Size - WP bar / psi - MSHA IC-305 - MADE IN  
ITALY - [www.transferoil.com](http://www.transferoil.com) -

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
1412	DN6	1/4	-4	6.6	12.7	700	2800	0.260	0.500	10000	40000	4:1	35	1.38	367	0.247	SAF121	SAF821
1414	DN10	3/8	-6	9.8	18.9	700	2800	0.386	0.744	10000	40000	4:1	90	3.54	663	0.446	SAF141	SAF841

*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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