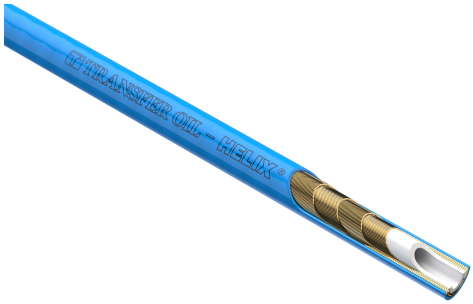
TRANSFER OIL
Pure Fluid Attitude

244 – 4SWHX - HELIX

Thermoplastic multispiral hose for UHP hydraulic applications such as bolt tensioning up to 1800 bar (26100 psi)



FEATURES

Inner Tube
Polyoxymethylene (POM)

Reinforcement
Four spiral layers of steel wire

Cover
Polyamide (PA)

Hydraulic Applications
Hydraulic jacks - Bolt tensioning - Pressure testing applications - General UHP hydraulic applications

Temperature Range
-40°C to +100°C (-40°F to +212°F)

Features
Ultra high working pressure - Excellent chemical resistance - Resistance to ozone, ultraviolet light and ageing - High abrasion resistance - Low volumetric expansion at maximum working pressure - High impulse resistance - Long length capability - Excellent cut and crush resistance

Description
Ultra High Pressure hose featuring high tensile steel wire reinforcement arranged in multiple counter-rotating spiral layers - Tube and cover made of engineering polymers with intermediate adhesion layers.

Available also as factory made assemblies: please contact our sales office for further details.

Standard Branding
TRANSFER OIL – HELIX ® - TO UHP - Part No - 4SWHX - Inch Size - DN Size - WP bar / psi - 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
2441	DN5	3/16	-3	4.9	11.6	1800	4500	0.193	0.457	26100	62200	2.5:1	130	5.12	266	0.179	HAC111	HAC811

WJTA-IMCA Color Coding Scheme for Pressure Hoses - Maximum Working Pressure Applicable

10,000 PSI / 690 bar | 15,000 PSI / 1034 Bar | 20,000 PSI / 1379 Bar | 30,000 PSI / 2068 Bar | 40,000 PSI / 2758 Bar | 55,000 PSI / 3792 Bar

* The safety factor between the burst pressure and working pressure depend on the application requirements. Four to one (4:1) safety factor should be used in dynamic impulsing hydraulic applications.

** The maximum WORKING PRESSURE of an assembly is given by the component having the lowest working pressure.
This means that if the working pressure of a fitting is lower than the working pressure of the hose, the WORKING PRESSURE of the fitting becomes the WORKING PRESSURE of the entire assembly.

The maximum WORKING PRESSURE of the assembly can be found marked on each sleeve of the assembly and on the pressure test report.

AVAILABLE INSERTS

Part	Dash	Inch	DN	F-BSPP	F-DKOS	F-HP	F-MET24-60	F-TYPE	M-BSPP	M-GAS100	M-HP	M-MP	M-NPT	M-USIT
2441	-3	3/16	DN5	HBC	HDC	HGK	HCC	HFC	HPC	HQC	HMC	HLC	HIC	HRC

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