TRANSFER OIL
Pure Fluid Attitude

226 - 6SWHX HELIX

Thermoplastic multispiral hose for UHP water based applications from 2500 to 3050 (from 36200 to 44200 psi)



FEATURES

Inner Tube
Polyoxymethylene (POM)

Reinforcement
Six spiral layers of higher tensile steel wire

Cover
Polyamide (PA), non pinpricked, laser branding

Industrial Applications
Waterjet cutting // Heat Exchanger Tube cleaning // Surface preparation and paint removal // Hydro demolition // Ships, tanks and vessel cleaning // Waterblast // General industrial cleaning // Removal of accumulated dirt from surfaces.

Hydraulic Applications
Hydraulic jacks // Bolt tensioning // Pressure Testing applications // General UHP hydraulic applications

Temperature Range
-30°C to 70°C (-22°F to 158°F)

Features
Ultra high working pressure // Excellent chemical resistance // Resistance to ozone, ultraviolet light and aging // High resistance against abrasion // Low volumetric expansion at maximum working pressure // Resistant to sea water // High impulse resistance // Long length capability // Excellent cut and crush resistance

Description
Ultra High Pressure hose utilising high tensile steel wire applied in counter rotating multiple spiral layers. Tube and cover of engineering polymer with intermediate adhesion layers.

Available As Factory Made Assemblies: Please Contact Our Sales Office For Further Details.

Standard Branding
TRANSFER OIL – HELIX ® - TO UHP - Part No - 6SWHX - Inch Size - DN Size - WP bar / psi - SKIVE 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
2261	DN5	3/16	-3	4.8	13.2	3050	7000	0.189	0.520	44200	101600	2.3:1	210	8.27	450	0.302	HAF111	HAF811
2263	DN8	5/16	-5	7.6	18.7	3050	7000	0.299	0.736	44200	101600	2.3:1	250	9.84	977	0.657	HAH131	
2265	DN12	1/2	-8	12.8	26.0	2500	6250	0.504	1.024	36200	90500	2.5:1	350	13.78	1782	1.197	HAH151	HAH851

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-HP	M-HP-MET	M-MP
2261	-3	3/16	DN5	HBI		HGI	HCI	HFI	HMI	HNI	
2263	-5	5/16	DN8		HDI			HFI	HMI	HNI	HLI
2265	-8	1/2	DN12		HDI			HFI	HMI	HNI	

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: 26/11/2026
www.transferoil.com