



226 - 6SWHX HELIX

Thermoplastic multispiral hose for UHP water based applications up to 2500 to 3200 (36200 to 46400 psi)



FEATURES

Inner Tube

Polyoxymethylene (POM)

Reinforcement

Six spiral layers of higher tensile steel wire

Cover

Special Polyester Copolymer, non pinpricked, black ink-jet branding

Industrial Applications

Waterjet cutting. Tube cleaning, surface preparation and paint removal. Hydro demolition. Ships, tanks and vessel cleaning. Waterblast supply hose. General industrial cleaning. Removal of accumulated dirt from surfaces.

Hydraulic Applications

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

Hydraulic Applications

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

Temperature Range

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

Description

-30°C to 70°C (-22°F to 158°F)

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	4.6	14.8	3200	8,000	0.181	0.583	4640 0	116000	2.5:1	210	8.27	627	0.421	HAH111	
2263	DN8	5/16	-5	7.6	19.7	2800	7,000	0.299	0.776	4060 0	101500	2.5:1	250	9.84	1087	0.730	HAH131	
2265	DN12	1/2	-8	12.8	26.0	2500	6,250	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-MP
2261	-3	3/16	DN5	HBI		HGI	HCI	HFI	HMI	
2263	-5	5/16	DN8		HDI			HFI	HMI	HLI
2265	-8	1/2	DN12		HDI			HFI	HMI	