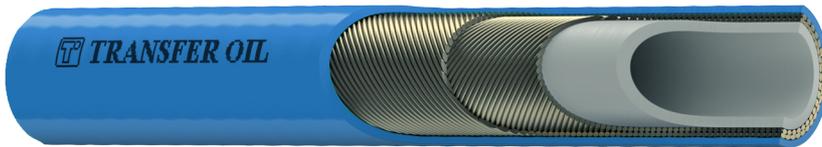




212 - 2SWX - HELIX

Thermoplastic multispiral hose for UHP water based applications from 1400 to 1500 bar (20300 to 21700 psi)



FEATURES

Inner Tube

Polyoxymethylene (POM)

Reinforcement

Two spiral layers of steel wire

Cover

Thermoplastic polymer, 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

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

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

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
2120	DN4	5/32	-	3.9	8.0	1400	3,500	0.154	0.315	20300	50750	2.5:1	75	2.95	109	0.073	HAJ101	HAJ801
2121	DN5	3/16	-3	4.8	9.3	1400	3,500	0.189	0.366	20300	50750	2.5:1	95	3.74	140	0.094	HAJ111	HAJ811

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-BSP	F-DKOS	F-MET24-60	F-TYPE	M-BSP	M-FS	M-GAS	M-GAS100	M-HP	M-MET	M-NPT	M-USIT
2120	-	5/32	DN4	HBB	HDB		HFB	HPB	HSB	HJB	HQB	HMB	HKB	HIB	HRB
2121	-3	3/16	DN5	HBA	HDA	HCA	HFA	HPA	HSA	HJA			HKA	HIA	
