

212 - 2SWH - HELIX

part no.	hose size		ID		OD		WP		BP		safety factor	bend radius		weight		ferrule part no.		quantity	
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar		psi	mm	inch	g/m	lbs/ft	standard		A316L
	2120	-	5/32	DN4	3,9	0,154	8,0	0,315	1400	20000		3500	50000	2,5:1	75	2,953	110		0,074
2121	-3	3/16	DN5	4,8	0,189	9,3	0,366	1400	20000	3500	50000	2,5:1	95	3,740	150	0,101	HAJ111	HAJ811	532

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.

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

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

TEMPERATURE RANGE

-30 °C to +60 °C (-22 °F to +140 °F)

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.

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AVAILABLE INSERTS

212 - 2SWH		#	inch	DN	F-BSPP	M-BSPP	F-Met 24°-60°	F-DKOS	F-JIC	F-NPT	M-NPT	Type-M Fem	M-MP	M-HP	M-Met HP	F-HP	M-GAS	Male Met	GAS 100°	M-Usit	M-Flat Seal	Male DIN3852	Male Flat Seal Met
					HB	HP	HC	HD	HE	HH	OI	HF	HL	HM	HN	HG	HJ	HK	HQ	HR	OS	HT	OU
2120	-	5/32	DN4	HB				HDJ			OIJ												OIJ
2121	-3	3/16	DN5	HB				HDJ			OIJ										OSJ		