



206 - 6SW - HELIX

Tube termoplastico multispirale per applicazioni UHP ad acqua da 1200 a 2800 bar (17400 a 40600 psi)



FEATURES

Inner Tube

DN 4-10: Poliossimetilene (POM); DN 12-25: Poliammide (PA)

Reinforcement

Six spiral layers of 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

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.

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
2060	DN4	5/32	-	4.0	11.8	2800	7,000	0.157	0.465	40600	101500	2.5:1	170	6.69	332	0.223	HAE101	
2061	DN5	3/16	-3	5.0	14.4	2500	6,250	0.197	0.567	36200	90500	2.5:1	190	7.48	552	0.371	HAE111	HAE811
2063	DN8	5/16	-5	7.9	18.0	2050	5,125	0.311	0.709	29700	74250	2.5:1	240	9.45	777	0.522	HAE131	HAE831
2064	DN10	3/8	-6	9.9	20.8	2050	5,125	0.390	0.819	29700	74250	2.5:1	250	9.84	1069	0.718	HAE141	
2065	DN12	1/2	-8	12.8	25.4	1800	4,500	0.504	1.000	26100	65250	2.5:1	300	11.81	1550	1.041	HAE151	HAE851
2067	DN20	3/4	-12	19.2	33.7	1400	3,500	0.756	1.327	20300	50750	2.5:1	350	13.78	2290	1.539	HAE171	
2068	DN25	1	-16	24.8	41.0	1200	3,000	0.976	1.614	17400	43500	2.5:1	600	23.62	3211	2.158	HAE181	

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 impulsive 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-GAS100	M-HP	M-MP
2060	-	5/32	DN4					HFE		HME	
2061	-3	3/16	DN5	HBF		HGF	HCF	HFF	HQF	HMF	
2063	-5	5/16	DN8		HDF			HFF		HMF	HLF
2064	-6	3/8	DN10	HBE	HDE					HME	
2065	-8	1/2	DN12		HDF			HFF		HMF	HLF
2067	-12	3/4	DN20		HDE			HFD			HLE
2068	-16	1	DN25		HDE						HLE