TRANSFER OIL
Pure Fluid Attitude

206 - 6SW - HELIX

Thermoplastic multispiral hose for UHP water based applications from 1200 to 2800 bar (from 17400 to 40600 psi)



FEATURES

Inner Tube
DN 4-10: Polyoxymethylene (POM); DN 12-25: Polyamide (PA)

Reinforcement
Six spiral layers of 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 supply hose // 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 - 6SW - Inch Size - DN Size - WP bar / psi - 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
2060	DN4	5/32	-	4.0	11.8	2800	7000	0.157	0.465	40000	100000	2.5:1	170	6.69	332	0.223	HAE101	
2061	DN5	3/16	-3	4.8	13.2	2500	6250	0.189	0.520	36200	90500	2.5:1	190	7.48	450	0.302	HAF111	HAF811
2063	DN8	5/16	-5	7.9	18.0	2050	5125	0.311	0.709	30000	75000	2.5:1	240	9.45	777	0.522	HAE131	HAE831
2065	DN12	1/2	-8	12.8	25.4	1800	4500	0.504	1.000	26100	65250	2.5:1	300	11.81	1550	1.041	HAE151	HAE851
2067	DN20	3/4	-12	19.1	33.7	1400	3500	0.752	1.327	20000	50000	2.5:1	350	13.78	2290	1.539	HAE171	
2068	DN25	1	-16	24.8	41.0	1200	3000	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 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-GAS100	M-HP	M-HP-MET	M-MP
2060	-	5/32	DN4					HFE		HME		
2061	-3	3/16	DN5	HBF		HGF	HCF	HFF	HQF	HMF	HNF	
2063	-5	5/16	DN8		HDF			HFF		HMF	HNF	HLF
2065	-8	1/2	DN12		HDF			HFF		HMF	HNF	HLF
2067	-12	3/4	DN20		HDE			HFD				HLE
2068	-16	1	DN25		HDE							HLE

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: 22/11/2026
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