



TRANSFER OIL

Pure Fluid Attitude



203 - 2+2SW - HELIX

Thermoplastic multispiral hose for UHP water blasting from 760 to 1400 bar (11000 to 20300 psi)



FEATURES

Inner Tube

Polyamide (PA)

Reinforcement

Two open spiral layers + two closed spiral layers of steel wire

Cover

Polyurethane (PUR), non pinpricked, laser branding

Industrial Applications

Heat Exchanger Tube cleaning // Waterblast // General industrial cleaning // Removal of accumulated dirt from surfaces.

Hydraulic Applications

Hydraulic jacks // Pressure Testing applications // General UHP hydraulic applications (hydraulic tools, instrumentation)

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 - 2+2SW - 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
2030	DN4	5/32	-	4.0	10.3	1400	3500	0.157	0.406	2000 0	50000	2.5:1	60	2.36	181	0.121	HAB101	HAB801
2032	DN6	1/4	-4	6.2	13.2	1400	3500	0.244	0.520	2000 0	50000	2.5:1	90	3.54	243	0.163	HAB121	HAB821
2033	DN8	5/16	-5	7.9	15.4	1400	3500	0.311	0.606	2000 0	50000	2.5:1	100	3.94	358	0.241	HAB131	
2034	DN10	3/8	-6	10.2	18.2	1050	2625	0.402	0.717	15000	37500	2.5:1	120	4.72	502	0.337	HAB141	HAB841
2035	DN12	1/2	-8	12.9	22.1	1050	2625	0.508	0.870	15000	37500	2.5:1	140	5.51	709	0.477	HAB151	HAB851
2037	DN20	3/4	-12	18.8	29.9	760	1900	0.740	1.177	11000	27500	2.5:1	220	8.66	1236	0.831	HAB171	HAB871

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-BSPP-60	F-DKOS	F-JIC	F-MET24-60	F-NPT	F-TYPE	M-BSPP	M-DIN3852	M-FS	M-GAS	M-GAS100	M-HP	M-MET	M-MP	M-NPT	M-USIT
2030	-	5/32	DN4	HBB		HDB				HFB	HPB		HSB	HJB	HQB	HM _B	HKB		HIB	HRB
2032	-4	1/4	DN6	HBB		HDB	HE _B	HCB	HHB	HFB	HPB	HTB	HSB		HQB	HM _B	HKB	HLB	HIB	HRB
2033	-5	5/16	DN8	HBC		HDB	HE _C			HFC	HPC	HTC	HSB	HJC	HQC	HMC		HLC	HIC	
2034	-6	3/8	DN10	HBB		HDB	HE _B			HFB	HPB	HTB							HIB	
2035	-8	1/2	DN12	HBG		HDG	HE _G			HFG						HM _G		HLG	HIG	
2037	-12	3/4	DN20	HBG	HBG	HDE	HE _G			HFD								HLE	HIG	

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.
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