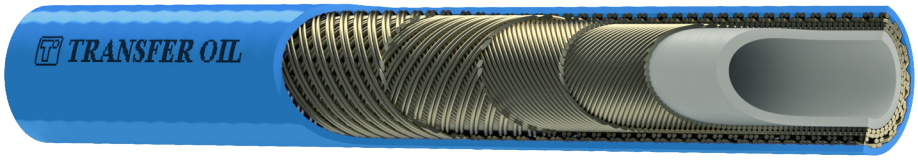
TRANSFER OIL
Pure Fluid Attitude

203 - 2 2SW - HELIX

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



FEATURES

Inner Tube

Polyamide (PA)

Reinforcement

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

Cover

Polyurethane (PUR), 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
2030	DN4	5/32	-	4.0	10.3	1400	3,500	0.157	0.406	20300	50750	2.5:1	60	2.36	181	0.121	HAB101	HAB801
2032	DN6	1/4	-4	6.2	13.2	1400	3,500	0.244	0.520	20300	50750	2.5:1	90	3.54	243	0.163	HAB121	HAB821
2033	DN8	5/16	-5	7.9	15.4	1400	3,500	0.311	0.606	20300	50750	2.5:1	100	3.94	358	0.241	HAB131	
2034	DN10	3/8	-6	9.9	18.2	1050	2,625	0.390	0.717	15200	38000	2.5:1	120	4.72	502	0.337	HAB141	HAB841
2035	DN12	1/2	-8	12.8	22.1	1050	2,625	0.504	0.870	15200	38000	2.5:1	140	5.51	709	0.477	HAB151	HAB851
2037	DN20	3/4	-12	18.8	29.9	760	1,900	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	HMB	HKB		HIB	HRB
2032	-4	1/4	DN6	HBB		HDB	HEB	HCB	HHB	HFB	HPB	HTB	HSB		HQB	HMB	HKB	HLB	HIB	HRB
2033	-5	5/16	DN8	HBC		HDB	HEC			HFC	HPC	HTC	HSB	HJC	HQC	HMC		HLC	HIC	
2034	-6	3/8	DN10	HBB		HDB	HEB			HFB	HPB	HTB							HIB	
2035	-8	1/2	DN12	HBG		HDG	HEG			HFG						HMG		HLG	HIG	
2037	-12	3/4	DN20	HBG	HBG	HDE	HEG			HFD								HLE	HIG	