

205 - 4+2SW - 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	m
	2055	-8	1/2	DN12	12,80	0,504	24,30	0,957	1400	20300	3500		50750	2,5:1	110	4,331	1150	0,757	HAG151
2057	-12	3/4	DN20	18,80	0,740	32,60	1,283	1200	17400	3000	43500	2,5:1	170	6,693	1860	1,250	HAG171	-	803

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.

INNER TUBE

Polyamide (PA)

REINFORCEMENT

Four spiral layers of steel wire + Two spiral layers of steel wire

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

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

