

Hose Type 5/6HDC1



Applications

Hydraulics : Bolt Tensioning & Torque Tools, Hydraulic Jacks, Controls for Service Equipment, Pressure Testing for Valves, Tooling and Control Panels

Waterblasting : Ultra High Pressure Waterjet Table Cutting, Ultra High Pressure Tube Cleaning, Surface Preparation, Paint Removal, Automated Cleaning Booths, Rotating Cleaning Device for Waterblast, Hydro Demolition of Concrete, Robotic Surface Cleaning of Ships, Tank and Vessel Cleaning

Inner Core : **Polyoxymethylene (POM)**
 Pressure Support : **6 layers of high-tensile steel wire**
 Outer Cover : **1 layer (red) of Polyamide (PA)**
2 layer (green) of Polyurethane (PUR)
 Colour : **red / green, other colours upon request**
 Temperature : **-22°F to 140°F [-30°C to +60°C]**



Ø ID	Ø OD	Working Pressure*)	Burst Pressure 1)	Min. Bend Radius	Weight	Nipple Ø ID	Sleeve	Sleeve Ø OD
0,18 inch	0,72 inch	40.600 psi	101.500 psi	8,66 inch	0,462 lbs/ft	0,08 inch	10560122 carbon steel	0,78 inch
4,6 mm	18,4 mm	2.800 bar	7.000 bar	220 mm	0,687 kg/m	2,0 mm		19,7 mm

Fittings : ID5, Series D

Description	Size	Material	Part Number	
HP fitting	1/4"x28 UNF LH	stainless steel	40560294D	
HP fitting	3/8"x24 UNF LH	stainless steel	40560284D	
HP fitting	9/16"x18 UNF LH	stainless steel	40560264D	
HP fitting	M14x1.5 LH	stainless steel	40560274D	
HP female swivel	9/16"x18 UNF	stainless steel AISI 316Ti carbon steel	20560614D swivel nut / 50560605 swivel nut / 50560601	
BSP female swivel	G1/4"	stainless steel carbon steel	20560314D swivel nut / 50560301	
Type M female swivel	9/16"x18 UNF	stainless steel AISI 316Ti carbon steel	20560694D swivel nut / 50560605 swivel nut / 50560601	
metric female swivel	M14x1.5	stainless steel carbon steel	20560164D swivel nut / 50540101	

----- Additional fittings are available upon request. -----

1) Production related variations up to 5 % are possible

*) The safety factors between the burst pressure and the working pressure as well as the test pressure depend on the operating conditions. For gaseous media the outer cover is to be pinpricked. Regarding the safety factor for gaseous media please contact your local SPIR STAR® assembling center. The indicated working pressure refers to the hose only. Depending on the used fitting the permitted working pressure of a hose assembly can be less. We reserve our rights for changes without notice.

