

Hose Type 5/4



Applications

Waterblasting: Heat Exchanger Tube Cleaning

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

Oil and Gas: Chemical Injection, Gaseous Media Handling, Grease Injection, Hydraulic Control, Nitrogen Service



Inner Core:	Polyoxymethylene (POM)
Pressure Support:	4 layers of high-tensile steel wire
Outer Cover:	Polyamide (PA)
Colour:	grey, 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
0,20 inch	0,44 inch	26.100 psi	65.250 psi	5,91 inch	0,175 lbs/ft	0,10 inch	10540101 carbon steel	0,59 inch
5,0 mm	11,2 mm	1.800 bar	4.500 bar	150 mm	0,260 kg/m	2,5 mm	10540105 AISI 316Ti	15,0 mm

Fittings: ID5, Series B and Y

Description	Size	Material	Part Number	
HP fitting	1/4"x28 UNF LH	carbon steel	40540211B	
HP fitting	1/4"x28 UNF LH	AISI 316Ti	40540215B	
HP fitting BLAST PRO 2)	1/4"x28 UNF LH	stainless steel carbon steel	40540234Y sleeve / 10540232	
HP fitting	3/8"x24 UNF LH	AISI 316Ti	40540205B	
HP fitting BLAST PRO 2)	3/8"x24 UNF LH	stainless steel carbon steel	40540214Y sleeve / 10540232	
HP fitting	9/16"x18 UNF LH	AISI 316Ti	40540225B	
HP female BLAST PRO 2)	1/4"x28UNF LH	stainless steel carbon steel	40540254Y sleeve / 10540232	
HP female BLAST PRO 2)	3/8"x24 UNF	stainless steel carbon steel	40540244Y sleeve / 10540232	
male fitting	1/4"x18 NPTF	carbon steel	30540401B	
male fitting with 60° cone	G1/4"	carbon steel	30540301B	
male fitting for USIT®-Ring	G1/4"	carbon steel	30540351B	
male fitting special part 100° cone	G1/4"	carbon steel	30540361B	
BSP female swivel	G1/4"	carbon steel	20540301B / 50540301	
BSP female swivel	G1/4"	AISI 316Ti	20540305B / 50540305	
metric female swivel with O-Ring	M20x1.5	carbon steel	20540041B / 50860201	
Type M female swivel	9/16"x18 UNF	carbon steel	20540641B / 50540601	
Type M female swivel	9/16"x18 UNF	AISI 316Ti	20540645B / 50540605	
metric female swivel	M14x1.5	carbon steel	20540101B / 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 a safety factor of 1:6 is to be applied and the outer cover is to be pricked. 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.

2) BLAST PRO fittings must only be used for tube cleaning operation inside the tube. They are not designed for the use outside of tubes.

