

Hose Type 13/2W



Applications

Hydraulics : Bolt Tensioning and Torque Tools, Hydraulic Jacks, Controls for Service Equipment, Instrumentation Packages for Gauges, Pressure Testing for Valves, Tooling and Control Panels
Oil and Gas : Gaseous Media Handling, Grease Injection, Hydraulic Control, Nitrogen Service, Sub Sea Well Control

Inner Core : **Polyamide (PA)**
 Pressure Support : **4 layers of high-tensile steel wire**
 Outer Cover : **Polyurethane (PUR)**
 Colour : **black, 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
0,50 inch	0,82 inch	15.080 psi	37.700 psi	5,91 inch	0,396 lbs/ft	0,33 inch	11330191W carbon steel	1,05 inch
12,8 mm	20,8 mm	1.040 bar	2.600 bar	150 mm	0,590 kg/m	8,5 mm	11330195W AISI 316Ti	26,70 mm

Fittings : ID13, Series A

Description	Size	Material	Part Number	
male fitting	1/2"x14 NPTF	carbon steel	31320401A	
BSP female swivel	G1/2"	carbon steel carbon steel AISI 316Ti	21320311A swivel nut / 51060311 swivel nut / 51060315	
metric female swivel with O-Ring	M22x1.5	carbon steel	21320101A / 51360221	
metric female swivel with O-Ring	M24x1.5	carbon steel carbon steel AISI 316Ti	21320241A swivel nut / 51360201 swivel nut / 51360205	
Type M female swivel	1"x12 UNF	carbon steel	21320641A / 51360641	
Type M female swivel	1"x12 UNF	AISI 316Ti AISI 316Ti AISI 303	21320645A swivel nut / 51360645 swivel nut / 51360643	

----- 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.

