

Hose Type 8/2 PA

Duralife Flex™



Applications

Waterblasting : Tube Cleaning, Heat Exchanger Tube Cleaning

Hydraulics : Instrumentation Packages for Gauges, Pressure Testing, Tooling and Control Panels

Inner Core : **Polyamide (PA)**
 Pressure Support : **2 layers of high-tensile steel wire**
 Outer Cover : **Polyamide (PA)**
 Colour : **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 |
|-----------|-----------|--------------------|-------------------|------------------|--------------|-------------|--------------------------|-------------|
| 0,32 inch | 0,52 inch | 12.180 psi | 30.450 psi | 5,12 inch | 0,134 lbs/ft | 0,22 inch | 10820101 carbon steel | 0,7 inch |
| 8,1 mm | 13,3 mm | 840 bar | 2.100 bar | 130 mm | 0,200 kg/m | 5,5 mm | | 17,8 mm |

Fittings : ID8, Series A and X

| Description | Size | Material | Part Number | |
|------------------------------------|--------------|--|---|--|
| male fitting one piece waterblast | 1/4"x18 NPTF | carbon steel | 30820461X / 30820441/1X | |
| male fitting one piece waterblast | 3/8"x18 NPTF | carbon steel | 30820441X / 30820441/1X | |
| male fitting one piece waterblast | G1/4" | carbon steel | 30820361X / 30820441/1X | |
| male fitting | 1/4"x18 NPTF | carbon steel | 30820411A | |
| male fitting | 3/8"x18 NPTF | carbon steel | 30820401A | |
| male fitting DIN3852 T2 form A | G1/4" | carbon steel | 30820351A | |
| male fitting with 60° cone | G1/4" | carbon steel | 30820321A | |
| male fitting flat seal nozzle type | G1/4" | carbon steel | 30820381A | |
| male fitting DIN3852 T2 form A | G3/8" | carbon steel | 30820341A | |
| male fitting with 60° cone | G3/8" | carbon steel | 30820301A | |
| BSP female swivel | G3/8" | carbon steel | 20820301A / 50860301 | |
| metric female swivel with O-Ring | M20x1.5 | carbon steel | 20820201A / 50860201 | |
| metric female swivel with O-Ring | M24x1.5 | carbon steel | 20820042A / 50820241 | |
| Type M female swivel | 3/4"x16 UNF | AISI 316Ti AISI 316Ti carbon steel | 20820645A swivel nut / 50840605 swivel nut / 50840601 | |
| JIC female swivel | 9/16"x18 UNF | carbon steel | 20820601A / 50820601 | |
| JIC female swivel | 9/16"x18 UNF | AISI 316 Ti | 20820605A / 50820605 | |

---- 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.

