

Hose Type 8/2WHT®

High Temperature

ID8 - Series: H



Applications

Oil and Gas: Methanol service (oil rigs, distribution panels, umbilicals), jumper/ subsea well control, chemical injection, control of subsea hydraulic components, nitrogen service, Gaseous media handling

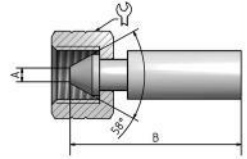
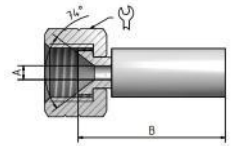


Technical Information

Inner Core: Polyvinylidenfluoride (PVDF)
Pressure Support: 2 open layers, 2 dense layers of high-tensile steel wire
Outer Cover: Polyvinylidenfluoride (PVDF)
Colour: Grey
Temperature: -20°C to +150°C [-4°F to 300°F]

| Ø ID | Ø OD | Working Pressure (SF 3.7:1) | Working Pressure (SF 4.0:1) | Burst Pressure | Bend Radius | Weight | Insert ID |
|-----------|-----------|--------------------------------|--------------------------------|----------------|-------------|--------------|-----------|
| 8,0 mm | 14,5 mm | 745 bar | 690 bar | 2.760 bar | 250 mm | 0,400 kg/m | 4,0 mm |
| 0,31 inch | 0,57 inch | 10.795 psi | 10.000 psi | 40.000 psi | 9,84 inch | 0,268 lbs/ft | 0,16 inch |

| Part no. | Thread | Material | Dimensions (mm) | | | | Sleeve |
|---------------|--------|------------|-----------------|----|---|---|--|
| | | | A | B | C | ⚙ | |
| Sleeve | | | | | | | |
| 10830145 | - | AISI 316Ti | 20,7 | 56 | - | - |  |


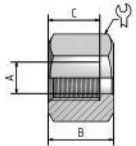
| Part no. | Thread | Material | Nut | Dimensions (mm) | | | | Insert |
|-----------------------------|-------------|------------|----------|-----------------|----|---|----|---|
| | | | | A | B | C | ⚙ | |
| Type M female swivel | | | | | | | | |
| 20820665H | 3/4"x16UNF | AISI 316Ti | 50840605 | 4 | 76 | - | 24 |  |
| JIC female swivel | | | | | | | | |
| 20820615H | 9/16"x18UNF | AISI 316Ti | 50820605 | 4 | 66 | - | 19 |  |
| 20820605H | 3/4"x16UNF | AISI 316Ti | 50840605 | 4 | 72 | - | 24 | |


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| Part no. | Thread | Material | Relief bores | Dimensions (mm) | | | | Swivel nut |
|-------------------|-------------|------------|--------------|-----------------|------|------|---|---|
| | | | | A | B | C |  | |
| Swivel nut | | | | | | | |  |
| 50820605 | 9/16"x18UNF | AISI 316Ti | 1 radial | 10,6 | 18 | 14 | 19 | |
| 50840605 | 3/4"x16UNF | AISI 316Ti | 1 radial | 12,2 | 22,5 | 17,5 | 24 | |

| Part no. | Mesh length (mm) | Overall length (mm) | Breaking strength (kN) | Suitable for SPIR STAR® hose outer diameter (mm) | Hose securing grip |
|----------|------------------|---------------------|------------------------|--|---|
| | | | | | |
| 9056400 | 600,00 | 740,00 | 10,20 | 10-15 |  |

Important Information!

In case of accidental leakage when transferring hot medium through SPIR STAR hoses the potential for injury exists from escaping fluids at high temperature (up to 150 C or 300F) while under pressure. When used for this purpose SPIR STAR HT series hoses should only be used when there is appropriate protecting devices in place to rule out the possibility of injury. The protecting devices may be removed only (e.g. for repairs) after the hose assembly has been depressurized and cooled to ambient temperature.

Production-related variations of the burst pressure of up to 5 % are possible. Other colours upon request.

Maximum test pressure 1035 bar/15000 psi.

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 may be less.

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