

# Hose Type 10/2W



## 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, Hydraulic Tools

**Oil and Gas:** Gaseous Media Handling, Grease Injection, Hydraulic Control, Nitrogen Service, Sub Sea Well Control

|                   |  |
|-------------------|--|
| Inner Core:       | <b>Polyamide (PA)</b>                      |
| Pressure Support: | <b>4 layers of high-tensile steel wire</b> |
| Outer Cover:      | <b>Polyurethane (PUR)</b>                  |
| Colour:           | <b>black, other colours upon request</b>   |
| Temperature:      | <b>-22°F to 140°F [-30°C to +60°C]</b>     |



| Ø ID      | Ø OD      | Working Pressure*) | Burst Pressure 1) | Min. Bend Radius | Weight       | Nipple Ø ID | Sleeve                    | Sleeve Ø OD |
|-----------|-----------|--------------------|-------------------|------------------|--------------|-------------|---------------------------|-------------|
| 0,39 inch | 0,68 inch | 14.500 psi         | 36.250 psi        | 4,92 inch        | 0,289 lbs/ft | 0,26 inch   | 11030191W<br>carbon steel | 0,85 inch   |
| 10,0 mm   | 17,2 mm   | 1.000 bar          | 2.500 bar         | 125 mm           | 0,430 kg/m   | 6,5 mm      | 11030195W<br>AISI 316Ti   | 21,5 mm     |

## Fittings: ID10, Series A

| Description                      | Size         | Material                                    | Part Number   |  |
|----------------------------------|--------------|---|---|--|
| male fitting                     | 3/8"x18 NPTF | carbon steel                                | 31020401A   |  |
| male fitting                     | 3/8"x18 NPTF | AISI 316 Ti                                 | 31020405A   |  |
| male fitting                     | 1/2"x14 NPT  | AISI 316 Ti                                 | 31020425A   |  |
| male fitting with 60° cone       | G3/8"        | carbon steel                                | 31020311A   |  |
| male fitting DIN3852 T2 form A   | G3/8"        | carbon steel                                | 31020341A   |  |
| BSP female swivel                | G1/2"        | carbon steel                                | 21020301A / 51060311  |  |
| BSP female swivel                | G1/2"        | AISI 316 Ti                                 | 21020305A / 51060315  |  |
| metric female swivel with O-Ring | M22x1.5      | carbon steel<br>carbon steel<br>AISI 316 Ti | 21020221A<br>swivel nut / 51060201<br>swivel nut / 51060205 |  |
| Type M female swivel             | 3/4"x16 UNF  | AISI 316 Ti<br>AISI 316 Ti                  | 21020645A<br>swivel nut / 51320615                          |  |

----- 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.

