



Polyurethane Inner Braided Hose

SUPERBRAID

Low Pressure



Technical Description

Superbraid polyurethane recoil hose is extruded with an inner braid for additional strength. This „integral piece“ process eliminates the need of bonding individual layers of hoses, braiding and cover which tend to separate overtime due to bending, flexing and pulsating. Superbraid combines the durability of bulkier hoses with the kink resistance and elasticity of polyurethane to make a tough, long lasting hose that is user friendly. Superbraid can be used with either our barb and sleeve fittings or reusable polyurethane fittings.

Advantages

- Same flexibility as a polyurethane hose
- Usable at 15 bar (safety factor of 4 to 1)
- Flexible even at -40°C
- Highly kinking resistant; virtually undamaged by twisting or crushing
- Extremely flexible and easy to use; minimizes worker fatigue
- Superior elasticity and coil memory
- Excellent abrasion resistance;
- 6 to 10 times better than rubber or nylon
- Factory applied thread sealant supplied on male swivel fitting
- Very small bending radius and tight coil diameter economizes on work and storage space
- Both fittings nickel plated

Working Temperature:

-40°C up to +75°C

Maximum Operating Pressure:

see chart

Durometer:

85 Shore A

Color:

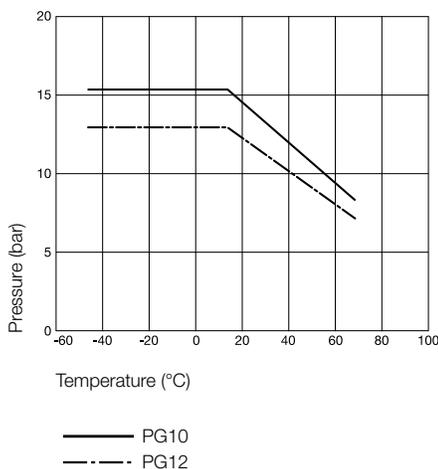
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All technical data refers to air applications. We will gladly assist you for other media.

Flow diagrams

Relation Working Pressure / Temperature

The pressure specifications apply only for the hose and not for the connection fittings.



Straight Hoses

SUPERBRAID

| | Inside x Outside ø mm | Coil Outside Diameter mm | Working Length m | Connection | Part Number |
|---|--------------------------|-----------------------------|---------------------|------------|-------------|
|  with fabric lining | 6,3 x 9,5 | | 25 | | PG10/025 |
| | | | | | |
| | 7,9 x 11,7 | | 25 | | PG12/025 |
| | | | | | |

Coiled Hoses

SUPERBRAID

| | Inside x Outside ø mm | Coil Outside Diameter mm | Working Length m | Connection | Part Number | |
|---|---|-----------------------------|---------------------|------------|-------------|--|
|  with fabric lining | 6,3 x 9,5 | 42 | 3 | G 1/4 | PG10/030/DV | |
| | 6,3 x 9,5 | 42 | 6 | G 1/4 | PG10/060/DV | |
| | 6,3 x 9,5 | 42 | 7,5 | G 1/4 | PG10/075/DV | |
| | 7,9 x 11,7 | 55 | 3 | G 3/8 | PG12/030/DV | |
| | 7,9 x 11,7 | 55 | 6 | G 3/8 | PG12/060/DV | |
| | 7,9 x 11,7 | 55 | 7,5 | G 3/8 | PG12/075/DV | |
| | fully assembled with 2x nickel-plated, swivel screw connections | | | | | |
| | | | | | | |
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