

Type SS-SB



Type SS-SB is a parallel corrugated Stainless Steel hose with Stainless Steel 316L, 321 innerhose (Ti optional) and single 304L braid (Ti optional).

Also possible according to customer specifications or based on your supply.

Key properties type SS-SB

- Single Stainless Steel braid
- Temperature range from -270°C up to +600°C (base hose)
- Connections according DIN477/NEN3268/(inter)national standards
- Density: 10 -4 mbar l/s
- Test procedure: 1,3 x working pressure with water (optional density test 20 Bar pure nitrogen)
- Test procedure: 1,5 x working pressure for medical gases

Possibilities

- Stainless Steel safety cable and/or clamps (or loops)
- Stainless Steel anti-kink coils
- Stainless Steel or (fluor)plastic cover
- Coding/labelling
- Degreasing for oxygen applications
- Helium leak test
- Stainless Steel hoses in accordance with NEN-EN-ISO21969

| DN | ID d (mm) | OD D, D1 (mm) | Tol. mm | Min. Bend radius mm | Min. Bend radius continuous | Max. WP at 20°C (bar) | Weight/mtr (kg) |
|----|--------------|------------------|------------|------------------------|--------------------------------|--------------------------|--------------------|
| 6 | 6.2 | 11.6 | +/- 0,2 | 25 | 110 | 300 | 0.23 |
| 8 | 8.0 | 14.5 | +/- 0,2 | 32 | 130 | 250 | 0.35 |
| 10 | 10.0 | 17.5 | +/- 0,3 | 38 | 150 | 240 | 0.48 |
| 12 | 12.1 | 20.3 | +/- 0,3 | 45 | 165 | 185 | 0.62 |
| 16 | 16.1 | 25.8 | +/- 0,3 | 58 | 195 | 190 | 0.92 |
| 20 | 20.2 | 31.2 | +/- 0,3 | 70 | 285 | 125 | 0.93 |

Working pressure (WP) calculated with safety factor 3 (WP x 3 = Burst pressure)