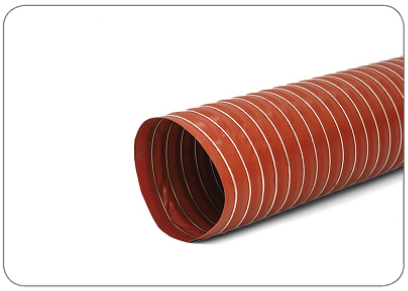
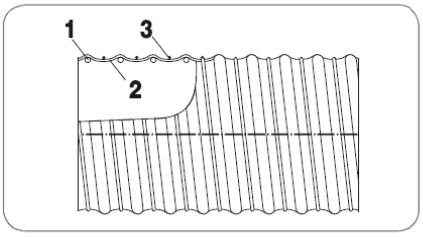
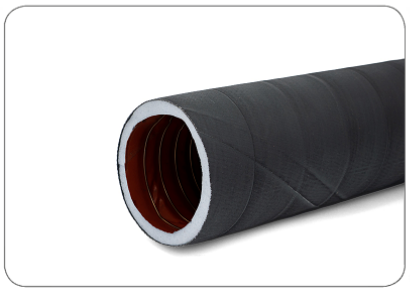
# VENT SIL 1





## High temperature hose for temperatures up to +250°C

### Material

1. Spiral: spring steel wire
2. Wall: silicone coated glass fabric
3. Cord: fiberglass fabric

- The electrostatic charges are dissipated by earthing the spiral on both sides

### Properties

- -70°C to +250°C peaks -85°C to +300°C
- light
- highly flexible
- RoHS compliant

### Chemical resistance

- Look chemical resistance data sheet

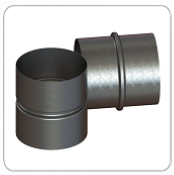
### Production standards

- Production lengths: 4 m
- Color: outer: red inner: red
- Available on request in an insulated version VENT ISO SIL 1

## Connectors:



Clamp



Hose Connector



Hose Reducer

| DN (inner diameter) [mm] | Op. pressure [bar] | Vacuum [mm $H_2O$] | Bend radius [mm*] | Weight [kg/m] |
|---|---|---|---|---|
| 13 | 1,700 | 5200 | 8 | 0,10 |
| 19 | 1,600 | 5100 | 8 | 0,11 |
| 26 | 1,600 | 5100 | 8 | 0,12 |
| 30 | 1,400 | 5000 | 10 | 0,14 |
| 32 | 1,400 | 5000 | 10 | 0,14 |
| 38 | 1,300 | 5000 | 12 | 0,17 |
| 41 | 1,300 | 4800 | 13 | 0,20 |
| 42 | 1,300 | 4800 | 13 | 0,20 |
| 44 | 1,200 | 4600 | 14 | 0,21 |
| 45 | 1,200 | 4600 | 14 | 0,21 |
| 51 | 1,200 | 4300 | 16 | 0,25 |
| 55 | 1,100 | 4200 | 18 | 0,27 |
| 57 | 1,100 | 4100 | 18 | 0,28 |
| 60 | 1,100 | 4000 | 20 | 0,30 |
| 63 | 1,100 | 3900 | 22 | 0,32 |
| 64 | 1,100 | 3900 | 22 | 0,34 |
| 65 | 1,100 | 3800 | 22 | 0,34 |
| 70 | 1,100 | 3600 | 24 | 0,36 |
| 76 | 1,100 | 3400 | 27 | 0,41 |
| 80 | 1,000 | 3200 | 28 | 0,44 |
| 83 | 1,000 | 3100 | 28 | 0,46 |
| 90 | 1,000 | 3000 | 29 | 0,49 |
| 95 | 0,900 | 2800 | 32 | 0,56 |
| 102 | 0,900 | 2600 | 35 | 0,65 |
| 108 | 0,900 | 2400 | 38 | 0,68 |
| 110 | 0,900 | 2400 | 38 | 0,69 |
| 114 | 0,900 | 2200 | 40 | 0,71 |
| 120 | 0,800 | 2000 | 43 | 0,76 |
| 127 | 0,800 | 1700 | 46 | 0,80 |
| 130 | 0,800 | 1700 | 47 | 0,82 |
| 140 | 0,700 | 1500 | 48 | 0,90 |
| 152 | 0,700 | 1400 | 51 | 0,99 |
| 160 | 0,600 | 1300 | 53 | 1,05 |
| 173 | 0,600 | 1200 | 55 | 1,13 |
| 178 | 0,600 | 1100 | 58 | 1,13 |
| 180 | 0,600 | 1100 | 60 | 1,19 |
| 203 | 0,500 | 700 | 68 | 1,33 |
| 229 | 0,400 | 580 | 84 | 1,48 |
| 254 | 0,400 | 400 | 102 | 1,68 |
| 305 | 0,200 | 200 | 123 | 2,05 |

* It applies to the inside of the bended hose.

Above data refer to ambient and medium temperature of 20°C. Products and technical data contained in this catalog are presented for informational purposes only, are subject to change without notice and should not be considered commercial offer.
Company **Mastervent** is not responsible for any errors or inaccuracies that may appear in the publication. The tolerance of inner diameter of the hose is from +1mm to +3mm depending on the diameter.

MASTERVENT®
MANUFACTURER OF TECHNICAL HOSES