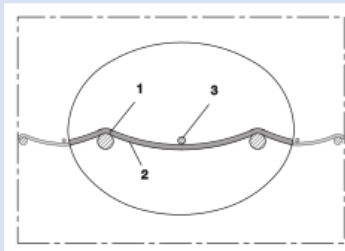


# SIL 391 ONE



Silicone hose, single-layer (up to +280 °C)

## Applications

- flexible hose/ ducting for hot and cold gases
- granulate/ plastic dryer, hot air dryer
- film blowing machine, cooling air at the extrusion tool
- air supply: UV dryer, IR dryer
- clean room ventilation, semiconductor production machine

## Properties

- fibre reinforced
- highly flexible
- very good heat resistance
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

## Temperature Range

- -70 °C to 260 °C

- short time to 280 °C

## Design

- Silicone hose
- spring steel wire
- fabric-reinforced tape
- wall: Silicone coated glass fabric
- chords made of interwoven yarns as reinforcement

## Delivery variants

- further diameters and lengths available on request

| I.D.         | outer Ø | Pressure | Vacuum | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No.     |
|--------------|---------|----------|--------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm)    | (mm)    | (bar)    | (bar)  | (mm)           | (kg/m) | (m)                 | (m)                |               |
| - / 13       | 15.00   | 1,800    | 0,580  | 9.00           | 0.05   | -                   | 4                  | 391-0013-0000 |
| 3/4 / 19     | 21.00   | 1,800    | 0,580  | 12.00          | 0.08   | 4                   | -                  | 391-0019-0000 |
| - / 22       | 24.00   | 1,800    | 0,580  | 13.00          | 0.09   | 4                   | -                  | 391-0022-0000 |
| 1 / 25       | 29.00   | 1,500    | 0,580  | 17.00          | 0.12   | 4                   | -                  | 391-0025-0000 |
| 1,25 / 32    | 35.00   | 1,500    | 0,580  | 19.00          | 0.13   | 4                   | -                  | 391-0032-0000 |
| 1,5 / 38     | 42.00   | 1,500    | 0,580  | 23.00          | 0.17   | 4                   | -                  | 391-0038-0000 |
| - / 41       | 45.00   | 1,500    | 0,570  | 25.00          | 0.18   | -                   | 4                  | 391-0041-0000 |
| 1,75 / 44-45 | 48.00   | 1,500    | 0,560  | 26.00          | 0.19   | 4                   | -                  | 391-0044-0000 |
| 2 / 50-51    | 55.00   | 1,500    | 0,500  | 30.00          | 0.25   | 4                   | -                  | 391-0051-0000 |
| 2,25 / 57    | 61.00   | 1,300    | 0,500  | 33.00          | 0.28   | 4                   | -                  | 391-0057-0000 |
| 2,5 / 63-65  | 67.00   | 1,300    | 0,500  | 36.00          | 0.30   | 4                   | -                  | 391-0063-0000 |
| - / 70       | 74.00   | 1,200    | 0,500  | 39.00          | 0.40   | 4                   | -                  | 391-0070-0000 |
| 3 / 75-76    | 80.00   | 1,100    | 0,390  | 42.00          | 0.41   | 4                   | -                  | 391-0076-0000 |
| - / 80       | 84.00   | 1,100    | 0,390  | 44.00          | 0.44   | 4                   | -                  | 391-0080-0000 |
| 3,2 / 83     | 87.00   | 1,100    | 0,390  | 46.00          | 0.47   | 4                   | -                  | 391-0083-0000 |
| 3,5 / 89-90  | 93.00   | 1,100    | 0,380  | 49.00          | 0.50   | 4                   | -                  | 391-0089-0000 |
| - / 95       | 99.00   | 1,100    | 0,380  | 52.00          | 0.54   | 4                   | -                  | 391-0095-0000 |
| 4 / 100-102  | 106.00  | 1,100    | 0,300  | 55.00          | 0.57   | 4                   | -                  | 391-0102-0000 |
| - / 108      | 113.00  | 1,000    | 0,300  | 59.00          | 0.68   | 4                   | -                  | 391-0108-0000 |
| 4,5 / 114    | 119.00  | 1,000    | 0,300  | 62.00          | 0.73   | 4                   | -                  | 391-0114-0000 |
| - / 121      | 126.00  | 0,900    | 0,290  | 66.00          | 0.76   | 4                   | -                  | 391-0121-0000 |
| 5 / 125-127  | 132.00  | 0,900    | 0,210  | 69.00          | 0.81   | 4                   | -                  | 391-0127-0000 |
| 5,5 / 140    | 145.00  | 0,900    | 0,200  | 75.00          | 0.89   | 4                   | -                  | 391-0140-0000 |
| 6 / 150-152  | 157.00  | 0,800    | 0,180  | 81.00          | 1.05   | 4                   | -                  | 391-0152-0000 |
| 6,3 / 160    | 165.00  | 0,700    | 0,160  | 85.00          | 1.10   | -                   | 4                  | 391-0160-0000 |
| 6,5 / 165    | 170.00  | 0,700    | 0,150  | 88.00          | 1.18   | -                   | 4                  | 391-0165-0000 |
| 7 / 178-180  | 183.00  | 0,600    | 0,140  | 94.00          | 1.21   | 4                   | -                  | 391-0178-0000 |

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at [www.norres.com/en/technology/](http://www.norres.com/en/technology/).

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| I.D.        | outer Ø | Pressure | Vacuum | Bending Radius | Weight | Dimensions in Stock | Production Lengths | Order No.     |
|-------------|---------|----------|--------|----------------|--------|---------------------|--------------------|---------------|
| (in / mm)   | (mm)    | (bar)    | (bar)  | (mm)           | (kg/m) | (m)                 | (m)                |               |
| 8 / 200-203 | 208.00  | 0,600    | 0,100  | 107.00         | 1.38   | 4                   | -                  | 391-0203-0000 |
| 10 / 254    | 259.00  | 0,400    | 0,100  | 132.00         | 1.65   | 4                   | -                  | 391-0254-0000 |
| 12 / 305    | 310.00  | 0,100    | 0,070  | 158.00         | 2.00   | 4                   | -                  | 391-0305-0000 |

## Accessories



CLAMP 208



CLAMP 211



CONNECT 270-271



CONNECT 228

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