

HIGH-TEMPERATURE

NORFLEX SIL 448

Textile-reinforced silicone pressure hose, up to 16 bar, -60 to +180 C



NORFLEX SIL 448 is a highly flexible, fabric-reinforced silicone pressure hose for food and pharma applications where both high temperatures and pressure rating are required. The hose is crush-resistant and compatible with steam cleaning (SIP) at up to +180 C. Textile plies reinforcement provides pressure rating from 6 bar to 16 bar depending on dimension - a distinctive property in the food-grade silicone portfolio. The red outer coating signals pressure hose, and transparent inner surface allows visual inspection. Typically used for hose pump, dosing, beverage filling and high-temperature food/pharma process intensity.

Media: Gas, Dust, Liquid

Temp: -60 °C to 180 °C

✓ Cut to length

APPLICATIONS

- High-pressure hose pump applications in food and pharma
- Dosing systems with hot liquid media
- Beverage filling under pressure and heat
- Dairy and milk process intensity with SIP
- Pharma bulk raw material handling with pressure cycles
- High-temperature food distribution where 6-16 bar is required

Technical specifications

Material	Food-grade silicone (transparent inner, red outer)
Colour	transparent inner, red outer
Wall construction	Smooth inner silicone, wrapped red silicone outer coating, textile plies reinforcement
Spiral material	Tekstil-plies-armering
Conveying media	Gas, Dust, Liquid
Temperature range	-60 °C – 180 °C
Short-term peak	180 °C
Cut to length	Yes
Manufacturer SKU	4480000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 9 standard sizes from inner Ø 3.0 mm to 19.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
3	8	2.5	16	24	25	0.06	25	44890300000
4	9	2.5	15	33	25	0.07	25	44890400000
5	11	3	13	33	25	0.09	25	44890500000
6	12	3	12	37	25	0.1	25	44890600000
8	14.4	3.2	10	41	25	0.15	25	44890800000
10	17	3.5	9	45	25	0.18	25	44891000000
13	21	3.5	8	64	25	0.22	25	44891300000
16	25	4.5	7	72	25	0.3	25	44891600000
19	28	4.5	6	81	25	0.4	25	44891900000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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