

Platinum cured silicone hose with plastic helix

The translucent silicone hose with plastic helix is platinum cured, easy to clean, weatherproof and resistant to many chemicals..

The plastic helix combined with fabric inlays gives the hose very high vacuum and kink resistance. The use of plastic for the support helix has the advantage that the helix cannot corrode, which is possible with a stainless steel design.

Silicone hose type NeoSil 1000B-P

Our silicone hose type NeoSil 1000B-P can be used for cosmetic, pharmaceutical and food products as well as chemicals and is suitable as a flexible connection between pipes and/or reactors. The high-temperature resistant hose is used in the chemicals, pharmaceuticals, cosmetics and food industries wherever flexible hoses are required. The plastic helix in combination with

fabric inlays ensures excellent flexibility and easy handling. The silicone hose with plastic helix is characterised by high resistance to chemicals, alkalis, acids, UV and ozone.

The silicone hose NeoSil 1000B-P is completely traceable by reference to the lot number on the cover and, in the case of pre-fabricated pipelines, by reference to the lot number and serial number on the crimp collar.

We can offer a variety of fittings and materials for all our silicone hoses and are pleased to respond flexibly to customer requests.

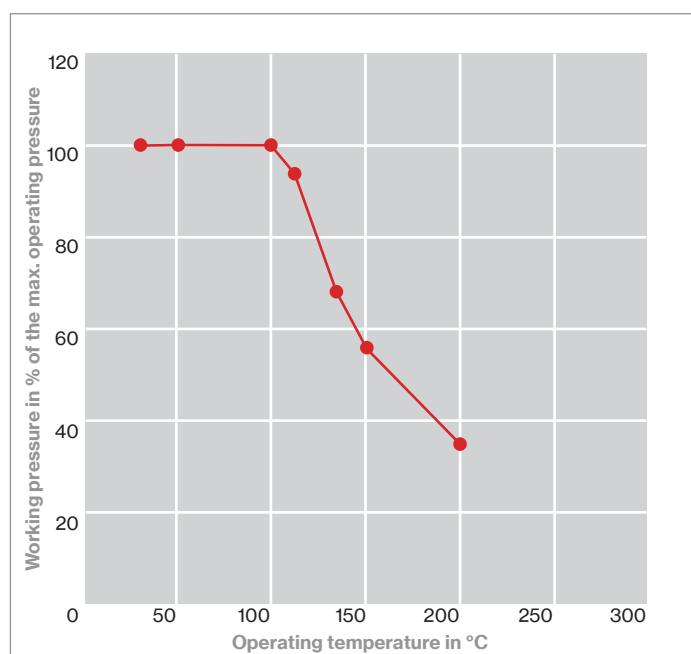
Technical specifications

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DN mm / inch		Inside Ø approx. [mm]	Outside Ø approx. [mm]	Operating pressure* max. [bar]	Weight [kg/m]	Bending radius [mm]
12	½	13.0	25.0	15	0.39	80
16	⅝	16.0	28.0	14	0.46	110
20	¾	19.0	33.0	13	0.52	115
25	1	25.0	39.0	10	0.65	140
32	1¼	32.0	46.0	8	0.79	175
40	1½	38.0	52.0	7	1.22	210

*All values are stated for a temperature of 20 °C.

p-T diagram



Structure

Core	Silicone, platinum cured
Cover	Silicone, platinum cured
Braiding	N/A
Fittings	Crimped
Inserts	Fabric inlay, plastic helix
Temperature	-60 °C / +200 °C
Vacuum	At 20 °C: 200 mbar absolute
Max. length	40 m
Standard/ approval	FDA CFR 21 PART 177.2600, D.M. 21/03/1973, BFR CHAP XV, Brochure 1227, European Regulation 1935/2004/CE Resolution AP 2004(5), USP Class VI, free from TSE & BSE

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