

Smooth PTFE hose with stainless steel braiding

Our smooth PTFE hose with stainless steel braiding is resistant to weather, ageing and corrosion. The hose line also offers high pressure and temperature resistance.

PTFE hose type TB

Our PTFE hose type TB helps operators create an inexpensive connection very quickly, as it removes the need for complex production of, for example, stainless steel pipes. This makes changeovers in laboratories, pilot plants and small-scale production plants quick and easy.

We can offer a variety of fittings and materials for all our PTFE hoses and are pleased to respond flexibly to customer requests. Complete traceability of our smooth PTFE hose with stainless steel braiding is ensured by the serial number on the crimp collar.

Technical specifications

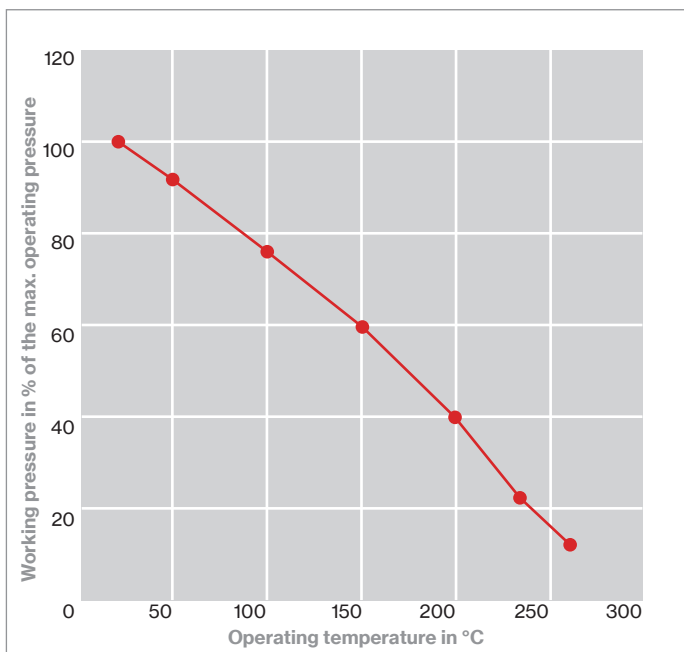
PTFE hose type TB

DN mm / inch		Inside Ø approx. [mm]	Outside Ø approx. [mm]	Operating pressure* max. [bar]	Weight [kg/m]	Bending radius [mm]
6	¼	6.45 – 6.96	9.86	224	0.09	76
8	⅝ ₁₆	8.15 – 8.66	11.56	207	0.14	102
10	⅜	9.93 – 10.64	14.10	183	0.15	133
12	½	13.06 – 13.36	17.22	161	0.25	152
16	⅝ ₈	16.10 – 17.12	20.57	114	0.29	178
20	¾	19.30 – 20.32	23.77	103	0.34	203
25	1	25.6 – 26.62	30.07	80	0.47	305

(larger nominal diameters up to DN 100 are available with a convoluted design)

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

p-T diagram



Structure

Core	PTFE
Cover	N/A
Braiding	Single or multiple stainless steel braiding (AISI 304)
Fittings	Crimped
Inserts	N/A
Temperature	-70 °C / +260 °C
Vacuum	At 20 °C: 1 mbar absolute
Max. length	20 m, longer lengths on request
Standard/ approval	FDA 21 CFR 177.1550, USP XXXVI Class VI, EC 1935/2004, free of TSE & BSE

DS-094-01