

## Smooth PTFE hose with stainless steel braiding and silicone cover

Our PTFE hose type NCR-S is a smooth PTFE hose with stainless steel braiding and a silicone cover.

These components make the hose flexible; the cover also provides protection against damage caused by protruding metal strands and is outstanding when it comes to cleaning.

### **PTFE hose type NCR-S**

With its unique design, the NCR-S PTFE hose combines flexibility with the benefits that only a smooth hose can offer. The external stainless steel helix ensures additionally improved vacuum and kink resistance, while the silicone cover enables easy surface cleaning.

Our smooth PTFE hose with stainless steel braiding and a silicone cover is frequently deployed in the chemicals and pharmaceutical industries.

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 is ensured by the serial number on the crimp collar.

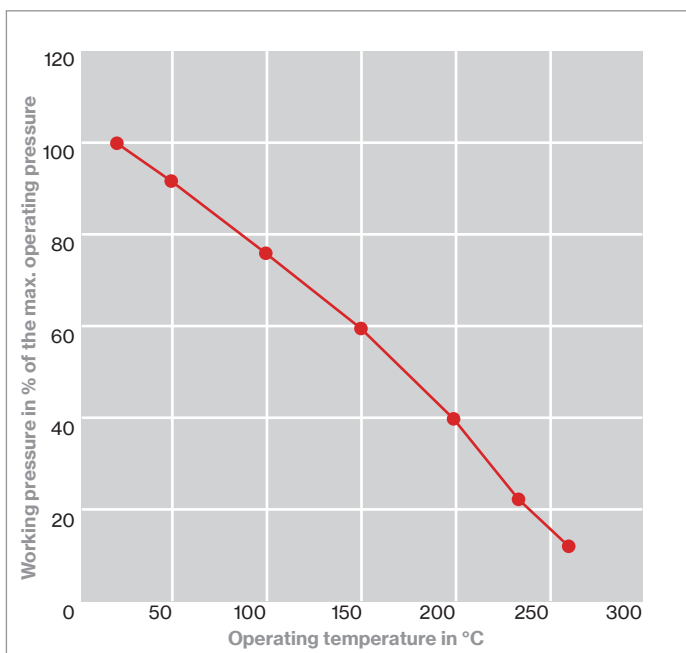
# Technical specifications

## PTFE hose type NCR-S

DN mm / inch		Inside Ø approx. [mm]	Outside Ø approx. [mm]	Operating pressure* max. [bar]	Weight [kg/m]	Bending radius [mm]
12	½	11.5	26.9	50	0.40	65
20	¾	20.0	42.6	60	0.90	85
25	1	22.8	48.2	40	1.00	125
32	1¼	30.5	55.9	45	1.50	160
40	1½	36.5	61.2	40	1.75	205
50	2	48.5	74.5	25	2.65	255

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

## p-T diagram



## Structure

Core	PTFE
Cover	Silicone
Braiding	Stainless steel wire braiding
Fittings	Crimped or flared
Inserts	N/A
Temperature	-70 °C / +260 °C
Vacuum	At 20 °C: 1 mbar absolute
Max. length	10 m, longer lengths on request
Standard/ approval	FDA 21 CFR 177.1550, USP XXXVI Class VI, EC 1935/2004, free of TSE & BSE

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