



APPLICATIONS



Very smooth, the SILFLON® hose is ideal for transferring even greasy and oily food products, liquid and gaseous chemicals (except molten alkali metals and fluorine gas) and for steam circuits.

COMPOSITION



- Tube: polytetrafluorethylene (PTFE) hose.
- Reinforcement: stainless steel braid (high resistance against stress corrosion) and as of DN 13, stainless steel spiral.
- External covering: white silicone.

ASSEMBLY POSSIBILITIES



NRS®



CHARACTERISTICS



Excellent thermal and dust protection.
Standard manufacturing length: 22 m (except diameter 25: 5.75 m).
Maximum working pressure for steam: 14 bar.
No vacuum resistance.
Operators safety.



+230°C
-50°C

STANDARDS



FDA 21CFR 177 1550, USP Physicochemical 661, Hemolysis, USP class VI, Regulation (EU) 10/2011, phthalate free.



| Reference | DN | | Ø int | | Ø ext | | Working pressure | | Bursting pressure | | Bend radius | | Weight | |
|-----------|----|-------|-------|------|-------|------|------------------|------|-------------------|------|-------------|-------|--------|------|
| | mm | inch | mm | inch | mm | inch | bar | PSI | bar | PSI | mm | inch | kg/m | lb/f |
| 45934806 | 6 | 1/4" | 6,35 | 0,25 | 14,80 | 0,58 | 120 | 1740 | 240 | 3480 | 38 | 1,50 | 0,19 | 0,42 |
| 45934808 | 8 | 5/16" | 7,92 | 0,31 | 16,30 | 0,64 | 100 | 1450 | 200 | 2900 | 51 | 2,01 | 0,25 | 0,55 |
| 45934810 | 10 | 3/8" | 9,52 | 0,37 | 18,00 | 0,71 | 90 | 1305 | 180 | 2610 | 64 | 2,52 | 0,32 | 0,70 |
| 45934813* | 13 | 1/2" | 12,70 | 0,50 | 25,50 | 1,00 | 68 | 986 | 140 | 2030 | 89 | 3,51 | 0,56 | 1,13 |
| 45934816* | 16 | 5/8" | 15,90 | 0,62 | 28,00 | 1,10 | 60 | 870 | 120 | 1740 | 114 | 4,49 | 0,68 | 1,50 |
| 45934819* | 19 | 3/4" | 19,20 | 0,75 | 31,00 | 1,22 | 50 | 725 | 100 | 1450 | 146 | 5,75 | 0,79 | 1,74 |
| 45934825* | 25 | 1" | 25,40 | 1,00 | 38,00 | 1,50 | 40 | 580 | 80 | 1160 | 254 | 10,00 | 1,17 | 2,58 |

*Reinforcement with stainless steel spiral.

The above values are given for use at ambient temperature (+/- 20°C) and may vary depending upon conditions of use.
Dimensional tolerances: contact us.