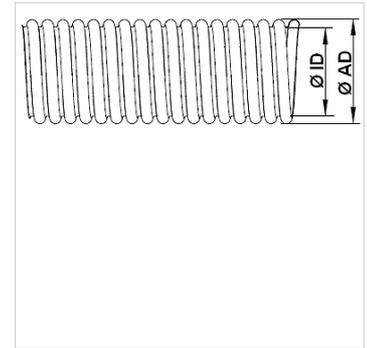


Properties

| | |
|----------------------|---|
| Application | Low pressure applications with hydraulic fluids and aggressive media |
| Application | Mainly for the chemical and food industries |
| Design | coil-corrugated PTFE inliner in black PTFE antistatic design |
| Properties | The inliner flanged connection fittings impart good self-cleaning properties when media are passed through the hoses The through-led product is only in contact with the PTFE material |
| Hose material | PTFE (polytetrafluoroethylene) |
| Braiding | without braiding |
| Temp. min. | -70 °C |
| Temp. max. | 260 °C |
| Temp. | applies for the hose only |
| Approval | the base material has been granted FDA approval. |



Note

The pressure values listed apply to hoses only.

The tubular fabric has a safety factor (SF) 3 against bursting

From 120 °C the pressure reduction factor is to be taken into account.

(Max. operating pressure = operating pressure x factor).

Temp.: 120 °C / 140 °C / 160 °C / 180 °C / 200 °C / 220 °C

Factor: 1,00 / 0,80 / 0,60 / 0,40 / 0,20 / 0,00

Ordering information

AFSA design with 1.4301 / 1.4306 stainless steel braiding upon request.
AFSP design with polypropylene braiding (suitable for use up to max. 90°C) upon request.

| Item | Identification | Internal Ø min. (mm) | Internal Ø max. (mm) | External Ø min. (mm) | External Ø max. (mm) | Wall thickness (mm) | Min. bending radius (mm) | OP at 20°C (stat.) (bar) | Vacuum (mbar) | Weight per m (kg) |
|---------|----------------|----------------------|----------------------|----------------------|----------------------|---------------------|--------------------------|--------------------------|---------------|-------------------|
| AFS 006 | | 5,5 | 6,9 | 9,9 | 11,5 | 0,52 | 25 | 4,0 | 744 | 0,047 |
| AFS 010 | | 8,5 | 10,5 | 13,2 | 14,7 | 0,62 | 25 | 4,0 | 744 | 0,058 |
| AFS 013 | | 11,6 | 13,6 | 16,4 | 18,2 | 0,82 | 50 | 4,0 | 887 | 0,072 |
| AFS 016 | | 15,1 | 16,4 | 21,2 | 23,2 | 0,88 | 65 | 3,0 | 887 | 0,097 |
| AFS 020 | | 19,5 | 20,5 | 26,6 | 29,4 | 1,00 | 55 | 3,0 | 887 | 0,142 |
| AFS 025 | | 24,5 | 25,5 | 32,2 | 36,2 | 1,10 | 85 | 3,0 | 887 | 0,194 |
| AFS 032 | | 31,5 | 32,5 | 39,9 | 44,1 | 1,15 | 100 | 2,5 | 887 | 0,258 |
| AFS 040 | | 36,5 | 37,5 | 44,6 | 49,4 | 1,45 | 120 | 2,5 | 887 | 0,377 |
| AFS 050 | | 49,5 | 50,5 | 57,9 | 64,1 | 1,50 | 165 | 2,0 | 887 | 0,522 |
| AFS 065 | | 62,5 | 63,5 | 77,9 | 86,1 | 1,60 | 230 | 1,5 | 887 | 0,654 |
| AFS 080 | | 73,5 | 74,5 | 87,4 | 96,6 | 1,60 | 260 | 1,3 | 887 | 0,765 |
| AFS 100 | | 94,5 | 99,5 | 118,1 | 124,5 | 1,82 | 300 | 1,0 | 887 | 1,310 |

Product versions

AFW PTFE corrugated hose, coil-corrugated PTFE inliner in white PTFE