# SMOOTHFLEXX PU AS E

Lightweight, highly flexible, antistatic polyester-polyurethane hose, reinforced with an impact-resistant rigid PVC spiral



**Applications** extraction systems, dosing, wood dust extraction, automation technology & robotics, powder conveying & -coating

**Structure** Polyester-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC

**Temperature** -30°C up to 80°C

**Properties** good abrasion resistance, very good flexibility, corrugated outside smooth inside, good chemical resistance, permanently antistatic







made in Germany

| Inner Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number |
|---|---|---|---|---|---|---|
| 20 | 0,50 | 23 | 1,50 | 0,25 | 0,16800 | 9-0600-020-10/998 |
| 25 | 0,50 | 29 | 1,50 | 0,25 | 0,20000 | 9-0600-025-10/998 |
| 28 | 0,50 | 32 | 1,50 | 0,25 | | 9-0600-028-10/998 |
| 30 | 0,50 | 35 | 1,50 | 0,25 | 0,22800 | 9-0600-030-10/998 |
| 32 | 0,50 | 37 | 1,50 | 0,20 | 0,24600 | 9-0600-032-10/998 |
| 35 | 0,50 | 40 | 1,50 | 0,20 | 0,26200 | 9-0600-035-10/998 |
| 38 | 0,50 | 44 | 1,50 | 0,20 | 0,29100 | 9-0600-038-10/998 |
| 40 | 0,50 | 46 | 1,50 | 0,20 | 0,29800 | 9-0600-040-10/998 |
| 43 | 0,50 | 49 | 1,50 | 0,20 | | 9-0600-043-10/998 |
| 45 | 0,50 | 52 | 1,50 | 0,20 | 0,33500 | 9-0600-045-10/998 |
| 51 | 0,50 | 59 | 1,00 | 0,20 | 0,39700 | 9-0600-051-10/998 |
| 60 | 0,50 | 69 | 1,00 | 0,16 | 0,47100 | 9-0600-060-10/998 |
| 63 | 0,50 | 72 | 1,00 | 0,16 | 0,49400 | 9-0600-063-10/998 |
| 65 | 0,50 | 74 | 1,00 | 0,20 | | 9-0600-065-10/998 |
| 70 | 0,60 | 81 | 1,00 | 0,16 | 0,57500 | 9-0600-070-10/998 |
| 73 | 0,60 | 84 | 1,00 | 0,16 | | 9-0600-073-10/998 |
| 76 | 0,60 | 87 | 1,00 | 0,16 | 0,60400 | 9-0600-076-10/998 |
| 80 | 0,60 | 92 | 1,00 | 0,16 | 0,63200 | 9-0600-080-10/998 |
| 89 | 0,60 | 104 | 1,00 | 0,14 | 0,69200 | 9-0600-089-10/998 |
| 90 | 0,60 | 105 | 1,00 | 0,14 | | 9-0600-090-10/998 |
| 102 | 0,60 | 117 | 0,80 | 0,13 | 0,79300 | 9-0600-102-10/998 |
| 110 | 0,65 | 127 | 0,80 | 0,12 | 0,84700 | 9-0600-110-10/998 |



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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 24.11.2026

| Inner Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number |
|---|---|---|---|---|---|---|
| 120 | 0,65 | 138 | 0,80 | 0,10 | 1,05400 | 9-0600-120-10/998 |
| 127 | 0,65 | 146 | 0,80 | 0,10 | 1,03400 | 9-0600-127-10/998 |
| 140 | 0,65 | 161 | 0,60 | 0,09 | 1,28000 | 9-0600-140-10/998 |
| 152 | 0,65 | 175 | 0,60 | 0,08 | 1,34200 | 9-0600-152-10/998 |
| 160 | 0,65 | 183 | 0,60 | 0,07 | | 9-0600-160-10/998 |
| 203 | 0,75 | 230 | 0,40 | 0,04 | 2,23100 | 9-0600-203-10/998 |
| 250 | 0,75 | 284 | 0,30 | 0,04 | | 9-0600-250-10/998 |
| 254 | 0,75 | 288 | 0,30 | 0,04 | 2,73000 | 9-0600-254-10/998 |



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