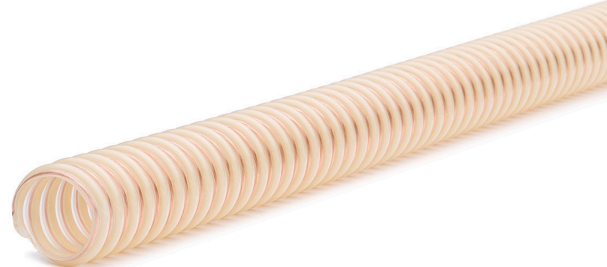


# SMOOTHFLEXX PU FOOD ANT

Light weight and highly flexible Polyurethane hose, reinforced with a PVC helix and a copper wire for grounding

|                     |                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | food production & -conveying, extraction systems, granulate conveying, conveying technology, dosing                                                                                                              |
| <b>Structure</b>    | TPU / Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC, coated strand / copper strand                                                                                                  |
| <b>Temperature</b>  | -30°C up to 80°C                                                                                                                                                                                                 |
| <b>Properties</b>   | good flexibility, good abrasion resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, rot proof, weather proof, with copper wire for grounding                                     |
| <b>Norms</b>        | certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C, D1, D2, E   FDA standard 21 CFR 177.2600 & 178.2010   manufacturing process according to GMP EC 2023/2006 |



| 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       | 9-2100-020-10/998 |
| 25                  | 0,50                | 29                  | 1,50                          | 0,25              | 0,20000       | 9-2100-025-10/998 |
| 30                  | 0,50                | 35                  | 1,50                          | 0,25              | 0,22800       | 9-2100-030-10/998 |
| 32                  | 0,50                | 37                  | 1,50                          | 0,20              | 0,24600       | 9-2100-032-10/998 |
| 35                  | 0,50                | 40                  | 1,50                          | 0,20              | 0,26200       | 9-2100-035-10/998 |
| 38                  | 0,50                | 44                  | 1,50                          | 0,20              | 0,29100       | 9-2100-038-10/998 |
| 40                  | 0,50                | 46                  | 1,50                          | 0,20              | 0,29800       | 9-2100-040-10/998 |
| 45                  | 0,50                | 52                  | 1,50                          | 0,20              | 0,33500       | 9-2100-045-10/998 |
| 51                  | 0,50                | 59                  | 1,00                          | 0,20              | 0,39700       | 9-2100-051-10/998 |
| 60                  | 0,50                | 69                  | 1,00                          | 0,16              | 0,47100       | 9-2100-060-10/998 |
| 63                  | 0,50                | 72                  | 1,00                          | 0,16              | 0,49400       | 9-2100-063-10/998 |
| 70                  | 0,60                | 81                  | 1,00                          | 0,16              | 0,55700       | 9-2100-070-10/998 |
| 76                  | 0,60                | 87                  | 1,00                          | 0,16              | 0,60400       | 9-2100-076-10/998 |
| 80                  | 0,60                | 92                  | 1,00                          | 0,16              | 0,63200       | 9-2100-080-10/998 |
| 89                  | 0,60                | 104                 | 1,00                          | 0,14              | 0,69200       | 9-2100-089-10/998 |
| 102                 | 0,60                | 117                 | 0,80                          | 0,13              | 0,79300       | 9-2100-102-10/998 |
| 110                 | 0,65                | 127                 | 0,80                          | 0,12              | 0,84700       | 9-2100-110-10/998 |
| 120                 | 0,65                | 138                 | 0,80                          | 0,10              | 1,12300       | 9-2100-120-10/998 |
| 127                 | 0,65                | 146                 | 0,80                          | 0,10              | 1,03400       | 9-2100-127-10/998 |
| 140                 | 0,65                | 161                 | 0,60                          | 0,09              | 1,28000       | 9-2100-140-10/998 |
| 152                 | 0,65                | 175                 | 0,60                          | 0,08              | 1,34300       | 9-2100-152-10/998 |
| 203                 | 0,75                | 230                 | 0,40                          | 0,04              | 2,23100       | 9-2100-203-10/998 |

| Inner Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 254                 | 0,75                | 288                 | 0,30                          | 0,04              | 2,73300       | 9-2100-254-10/998 |