

# SMOOTHFLEXX PU FOOD

Light weight and very flexible Polyurethane hose, reinforced with rigid antishock PVC helix

|                     |                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | food production & -conveying, pharmaceutical production, grass extraction, seed conveying, sweepers                                                                    |
| <b>Structure</b>    | Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC                                                                                             |
| <b>Temperature</b>  | -30°C up to 80°C                                                                                                                                                       |
| <b>Properties</b>   | light weight, very good flexibility, good abrasion resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, weather proof, rot proof        |
| <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   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) | Length (m) | Article Number    |
|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|------------|-------------------|
| 20                  | 0,50                | 23                  | 1,50                          | 0,25              | 0,14000       | 30         | 9-2000-020-10/998 |
| 25                  | 0,50                | 29                  | 1,50                          | 0,25              | 0,17000       | 30         | 9-2000-025-10/998 |
| 30                  | 0,50                | 35                  | 1,50                          | 0,25              | 0,19500       | 30         | 9-2000-030-10/998 |
| 32                  | 0,50                | 37                  | 1,50                          | 0,20              | 0,21000       | 30         | 9-2000-032-10/998 |
| 35                  | 0,50                | 40                  | 1,50                          | 0,20              | 0,22500       | 30         | 9-2000-035-10/998 |
| 38                  | 0,50                | 44                  | 1,50                          | 0,20              | 0,25000       | 30         | 9-2000-038-10/998 |
| 40                  | 0,50                | 46                  | 1,50                          | 0,20              | 0,26100       | 30         | 9-2000-040-10/998 |
| 45                  | 0,50                | 52                  | 1,50                          | 0,20              | 0,29300       | 30         | 9-2000-045-10/998 |
| 51                  | 0,50                | 59                  | 1,00                          | 0,20              | 0,31500       | 30         | 9-2000-051-10/998 |
| 60                  | 0,50                | 69                  | 1,00                          | 0,16              | 0,41000       | 30         | 9-2000-060-10/998 |
| 70                  | 0,60                | 81                  | 1,00                          | 0,16              | 0,50300       | 30         | 9-2000-070-10/998 |
| 76                  | 0,60                | 87                  | 1,00                          | 0,16              | 0,55000       | 30         | 9-2000-076-10/998 |
| 80                  | 0,60                | 92                  | 1,00                          | 0,16              | 0,57500       | 30         | 9-2000-080-10/998 |
| 102                 | 0,60                | 117                 | 0,80                          | 0,13              | 0,67000       | 30         | 9-2000-102-10/998 |
| 110                 | 0,65                | 127                 | 0,80                          | 0,12              | 0,73000       | 30         | 9-2000-110-10/998 |
| 120                 | 0,65                | 138                 | 0,80                          | 0,10              | 0,86300       | 30         | 9-2000-120-10/998 |
| 127                 | 0,65                | 146                 | 0,80                          | 0,10              | 0,96000       | 30         | 9-2000-127-10/998 |
| 140                 | 0,65                | 161                 | 0,60                          | 0,09              | 1,00600       | 30         | 9-2000-140-10/998 |
| 152                 | 0,65                | 175                 | 0,60                          | 0,08              | 1,26300       | 30         | 9-2000-152-10/998 |
| 203                 | 0,75                | 230                 | 0,40                          | 0,04              | 2,15000       | 20         | 9-2000-203-10/998 |
| 254                 | 0,75                | 288                 | 0,30                          | 0,04              | 2,63100       | 20         | 9-2000-254-10/998 |