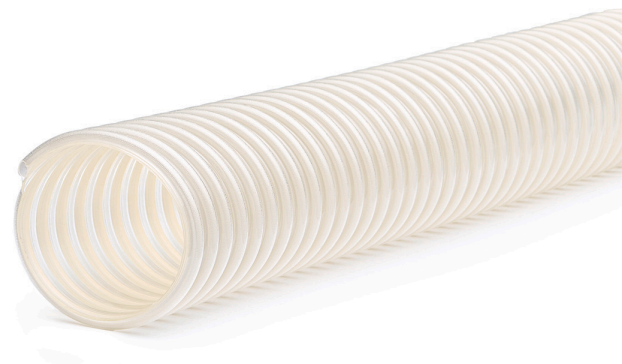


# SMOOTHFLEXX PU FDA MHR

Inner smooth and highly flexible tube made from food-grade TPU ether (FDA), transparent with an impact-resistant hard PVC spiral

|                     |                                                                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | pharmaceutical production, food production & -conveying, extraction systems, packaging machines, exhaust gas extraction                                                                    |
| <b>Structure</b>    | Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC                                                                                                                 |
| <b>Temperature</b>  | -30°C up to 80°C                                                                                                                                                                           |
| <b>Properties</b>   | hydrolysis & microbe resistant, rot proof, weather proof, very good flexibility, corrugated outside smooth inside, good tensile strength, ultimate elongation, good temperature resistance |
| <b>Norms</b>        | FDA standard 21 CFR 177.2600 & 178.2010                                                                                                                                                    |



| 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              | 0,14000       | 9-4000-020-10/998 |
| 25                  | 0,50                | 29                  | 1,50                          | 0,25              | 0,17000       | 9-4000-025-10/998 |
| 30                  | 0,50                | 35                  | 1,50                          | 0,25              | 0,19500       | 9-4000-030-10/998 |
| 32                  | 0,50                | 37                  | 1,50                          | 0,20              | 0,21000       | 9-4000-032-10/998 |
| 35                  | 0,50                | 40                  | 1,50                          | 0,20              | 0,22500       | 9-4000-035-10/998 |
| 38                  | 0,50                | 44                  | 1,50                          | 0,20              | 0,25000       | 9-4000-038-10/998 |
| 40                  | 0,50                | 46                  | 1,50                          | 0,20              | 0,26000       | 9-4000-040-10/998 |
| 45                  | 0,50                | 52                  | 1,50                          | 0,20              | 0,29300       | 9-4000-045-10/998 |
| 51                  | 0,50                | 59                  | 1,00                          | 0,20              | 0,34500       | 9-4000-051-10/998 |
| 60                  | 0,50                | 69                  | 1,00                          | 0,16              | 0,41000       | 9-4000-060-10/998 |
| 63                  | 0,50                | 72                  | 1,00                          | 0,16              | 0,43000       | 9-4000-063-10/998 |
| 70                  | 0,60                | 81                  | 1,00                          | 0,16              | 0,51400       | 9-4000-070-10/998 |
| 76                  | 0,60                | 87                  | 1,00                          | 0,16              | 0,55000       | 9-4000-076-10/998 |
| 80                  | 0,60                | 92                  | 1,00                          | 0,16              | 0,57500       | 9-4000-080-10/998 |
| 89                  | 0,60                | 104                 | 1,00                          | 0,14              | 0,63600       | 9-4000-089-10/998 |
| 102                 | 0,60                | 117                 | 0,80                          | 0,13              | 0,72100       | 9-4000-102-10/998 |
| 110                 | 0,65                | 127                 | 0,80                          | 0,12              | 0,77800       | 9-4000-110-10/998 |
| 120                 | 0,65                | 138                 | 0,80                          | 0,10              | 0,98500       | 9-4000-120-10/998 |
| 127                 | 0,65                | 146                 | 0,80                          | 0,10              | 0,96000       | 9-4000-127-10/998 |
| 140                 | 0,65                | 161                 | 0,60                          | 0,09              | 1,20500       | 9-4000-140-10/998 |
| 152                 | 0,65                | 175                 | 0,60                          | 0,08              | 1,26300       | 9-4000-152-10/998 |
| 203                 | 0,75                | 230                 | 0,40                          | 0,04              | 2,15000       | 9-4000-203-10/998 |

| 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              | 2,63000       | 9-4000-254-10/998 |