

### SMOOTHFLEXX PU IND

Light weight and highly flexible Polyurethane ducting, reinforced with a shock resistant PVC helix

|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, granulate conveying, grinding machines, powder conveying & -coating, dosing  |
| <b>Structure</b>    | TPU / Polyester-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC                 |
| <b>Temperature</b>  | -30°C up to 80°C                                                                                 |
| <b>Properties</b>   | light weight, good flexibility, good abrasion resistance, very smooth inside, corrugated outside |



| Inner Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 20                  | 0,40                | 23                  | 1,50                          | 0,25              | 0,14000       | 9-0000-020-00/998 |
| 25                  | 0,40                | 29                  | 1,50                          | 0,25              | 0,17000       | 9-0000-025-00/998 |
| 30                  | 0,50                | 35                  | 1,50                          | 0,25              | 0,19500       | 9-0000-030-00/998 |
| 32                  | 0,50                | 37                  | 1,50                          | 0,20              | 0,21000       | 9-0000-032-00/998 |
| 35                  | 0,50                | 40                  | 1,50                          | 0,20              | 0,22500       | 9-0000-035-00/998 |
| 38                  | 0,50                | 44                  | 1,50                          | 0,20              | 0,25000       | 9-0000-038-00/998 |
| 40                  | 0,50                | 46                  | 1,50                          | 0,20              | 0,26000       | 9-0000-040-00/998 |
| 45                  | 0,50                | 52                  | 1,50                          | 0,20              | 0,29300       | 9-0000-045-00/998 |
| 51                  | 0,50                | 59                  | 1,00                          | 0,20              | 0,34500       | 9-0000-051-00/998 |
| 60                  | 0,50                | 69                  | 1,00                          | 0,16              | 0,41000       | 9-0000-060-00/998 |
| 63                  | 0,50                | 72                  | 1,00                          | 0,16              | 0,43000       | 9-0000-063-00/998 |
| 70                  | 0,60                | 81                  | 1,00                          | 0,16              | 0,51400       | 9-0000-070-00/998 |
| 76                  | 0,60                | 87                  | 1,00                          | 0,16              | 0,55000       | 9-0000-076-00/998 |
| 80                  | 0,60                | 92                  | 1,00                          | 0,16              | 0,57500       | 9-0000-080-00/998 |
| 89                  | 0,60                | 104                 | 1,00                          | 0,14              | 0,62900       | 9-0000-089-00/998 |
| 102                 | 0,60                | 117                 | 0,80                          | 0,13              | 0,72100       | 9-0000-102-00/998 |
| 110                 | 0,65                | 127                 | 0,80                          | 0,12              | 0,77800       | 9-0000-110-00/998 |
| 120                 | 0,65                | 138                 | 0,80                          | 0,10              | 0,98500       | 9-0000-120-00/998 |
| 127                 | 0,65                | 146                 | 0,80                          | 0,10              | 0,96000       | 9-0000-127-00/998 |
| 140                 | 0,65                | 161                 | 0,60                          | 0,09              | 1,20500       | 9-0000-140-00/998 |
| 152                 | 0,65                | 175                 | 0,60                          | 0,08              | 1,26300       | 9-0000-152-00/998 |
| 203                 | 0,75                | 230                 | 0,40                          | 0,04              | 2,15000       | 9-0000-203-00/998 |

| 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       | 9-0000-254-00/998 |