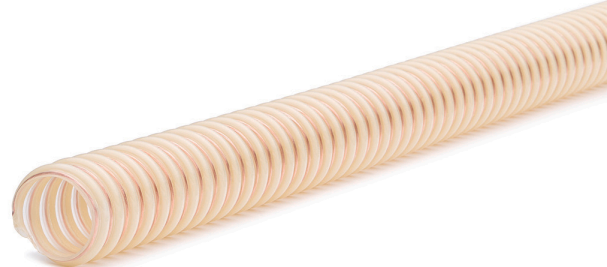


# SMOOTHFLEXX PU FOOD ANT

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>    | 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) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|------------|----------------|
| 20                  | 0,50                | 23                  | 1,50                          | 0,25              | 0,16800       | 25         | ND35102000P    |
| 25                  | 0,50                | 29                  | 1,50                          | 0,25              | 0,20000       | 25         | ND35102500P    |
| 30                  | 0,50                | 35                  | 1,50                          | 0,25              | 0,22800       | 25         | ND35103000P    |
| 32                  | 0,50                | 37                  | 1,50                          | 0,20              | 0,24600       | 25         | ND35103200P    |
| 35                  | 0,50                | 40                  | 1,50                          | 0,20              | 0,26200       | 25         | ND35103500P    |
| 38                  | 0,50                | 44                  | 1,50                          | 0,20              | 0,29100       | 25         | ND35103800P    |
| 40                  | 0,50                | 46                  | 1,50                          | 0,20              | 0,29800       | 25         | ND35104000P    |
| 45                  | 0,50                | 52                  | 1,50                          | 0,20              | 0,33500       | 25         | ND35104500P    |
| 51                  | 0,50                | 59                  | 1,00                          | 0,20              | 0,36700       | 25         | ND35105100P    |
| 60                  | 0,50                | 69                  | 1,00                          | 0,16              | 0,47100       | 25         | ND35106000P    |
| 63                  | 0,50                | 72                  | 1,00                          | 0,16              | 0,49400       | 25         | ND35106300P    |
| 70                  | 0,60                | 81                  | 1,00                          | 0,16              | 0,55700       | 25         | ND35107000P    |
| 76                  | 0,60                | 87                  | 1,00                          | 0,16              | 0,60400       | 25         | ND35107600P    |
| 80                  | 0,60                | 92                  | 1,00                          | 0,16              | 0,63200       | 25         | ND35108000P    |
| 102                 | 0,60                | 117                 | 0,80                          | 0,13              | 0,79300       | 25         | ND35110200P    |
| 110                 | 0,65                | 127                 | 0,80                          | 0,12              | 0,84700       | 10         | ND35111000K    |
| 120                 | 0,65                | 138                 | 0,80                          | 0,10              | 1,12300       | 10         | ND35112000K    |
| 127                 | 0,65                | 146                 | 0,80                          | 0,10              | 1,03400       | 10         | ND35112700K    |
| 140                 | 0,65                | 161                 | 0,60                          | 0,09              | 1,28000       | 10         | ND35114000K    |
| 152                 | 0,65                | 175                 | 0,60                          | 0,08              | 1,34300       | 10         | ND35115200K    |
| 203                 | 0,75                | 230                 | 0,40                          | 0,04              | 2,23100       | 10         | ND35120300K    |