

## FLEXADUX® P 7 M PU PAS Food

Heavy weight and flexible Polyurethane hose, antistatic and food grade

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|---------------------|--|
| <b>Applications</b> | food production & -conveying, pharmaceutical production, extraction systems, granulate conveying, dosing   |
| <b>Structure</b>    | TPU / Polyether-Polyurethane, transparent, steel wire / stainless steel wire   |
| <b>Temperature</b>  | -40°C up to 100°C, short term up to 125°C  |
| <b>Properties</b>   | good flexibility, very good abrasion resistance, permanently antistatic (R < 10 <sup>9</sup> Ohm), free of halogen & softeners, smooth inside, corrugated outside  |
| <b>Norms</b>        | certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for E   TRGS 727, ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22), ATEX 2014/34/EU / use in zones 1 & 2, ATEX 2014/34/EU / use in zone 0, ATEX 2014/34/EU / aspiration (no zone or inside: zone 22)   FDA standard 21 CFR 177.2600 & 178.2010   manufacturing process according to GMP EC 2023/2006 |



| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 25                  | 34,00               | 1,40                | 25                  | 3,75                          | 0,90              | 2,61                        | 10         | 08000025-1000-000-00 |
| 25                  | 34,00               | 1,40                | 25                  | 3,75                          | 0,90              | 3,92                        | 15         | 08000025-1500-000-00 |
| 32                  | 41,00               | 1,40                | 32                  | 3,56                          | 0,86              | 5,98                        | 15         | 08000032-1500-000-00 |
| 32                  | 41,00               | 1,40                | 32                  | 3,56                          | 0,86              | 3,99                        | 10         | 08000032-1000-000-00 |
| 35                  | 44,00               | 1,40                | 35                  | 3,20                          | 0,80              | 4,33                        | 10         | 08000035-1000-000-00 |
| 38                  | 47,00               | 1,40                | 38                  | 2,88                          | 0,70              | 4,67                        | 10         | 08000038-1000-000-00 |
| 38                  | 47,00               | 1,40                | 38                  | 2,88                          | 0,70              | 7,01                        | 15         | 08000038-1500-000-00 |
| 40                  | 49,00               | 1,40                | 40                  | 2,88                          | 0,70              | 4,90                        | 10         | 08000040-1000-000-00 |
| 40                  | 49,00               | 1,40                | 40                  | 2,88                          | 0,70              | 7,35                        | 15         | 08000040-1500-000-00 |
| 51                  | 60,00               | 1,40                | 51                  | 2,38                          | 0,60              | 6,56                        | 10         | 08000051-1000-000-00 |
| 51                  | 60,00               | 1,40                | 51                  | 2,38                          | 0,60              | 9,84                        | 15         | 08000051-1500-000-00 |
| 60                  | 69,00               | 1,40                | 60                  | 2,25                          | 0,55              | 7,65                        | 10         | 08000060-1000-000-00 |
| 60                  | 69,00               | 1,40                | 60                  | 2,25                          | 0,55              | 11,48                       | 15         | 08000060-1500-000-00 |
| 65                  | 74,00               | 1,40                | 65                  | 2,15                          | 0,55              | 8,26                        | 10         | 08000065-1000-000-00 |
| 65                  | 74,00               | 1,40                | 65                  | 2,15                          | 0,55              | 12,39                       | 15         | 08000065-1500-000-00 |
| 76                  | 85,00               | 1,40                | 76                  | 1,75                          | 0,50              | 9,59                        | 10         | 08000076-1000-000-00 |
| 76                  | 85,00               | 1,40                | 76                  | 1,75                          | 0,50              | 14,39                       | 15         | 08000076-1500-000-00 |
| 80                  | 89,00               | 1,40                | 80                  | 1,50                          | 0,45              | 10,08                       | 10         | 08000080-1000-000-00 |
| 80                  | 89,00               | 1,40                | 80                  | 1,50                          | 0,45              | 15,12                       | 15         | 08000080-1500-000-00 |
| 102                 | 112,00              | 1,40                | 102                 | 1,21                          | 0,40              | 20,65                       | 15         | 08000102-1500-000-00 |
| 102                 | 112,00              | 1,40                | 102                 | 1,21                          | 0,40              | 13,77                       | 10         | 08000102-1000-000-00 |
| 110                 | 120,00              | 1,40                | 110                 | 1,15                          | 0,38              | 14,81                       | 10         | 08000110-1000-000-00 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 115                 | 125,00              | 1,40                | 115                 | 1,10                          | 0,35              | 15,48                       | 10         | 08000115-1000-000-00 |
| 120                 | 130,00              | 1,40                | 120                 | 0,99                          | 0,30              | 16,11                       | 10         | 08000120-1000-000-00 |
| 120                 | 130,00              | 1,40                | 120                 | 0,99                          | 0,30              | 24,16                       | 15         | 08000120-1500-000-00 |
| 127                 | 137,00              | 1,40                | 127                 | 0,88                          | 0,25              | 17,01                       | 10         | 08000127-1000-000-00 |
| 127                 | 137,00              | 1,40                | 127                 | 0,88                          | 0,25              | 25,52                       | 15         | 08000127-1500-000-00 |
| 152                 | 162,00              | 1,40                | 152                 | 0,77                          | 0,20              | 23,15                       | 10         | 08000152-1000-000-00 |
| 152                 | 162,00              | 1,40                | 152                 | 0,77                          | 0,20              | 34,72                       | 15         | 08000152-1500-000-00 |
| 203                 | 214,00              | 1,40                | 203                 | 0,55                          | 0,14              | 34,16                       | 10         | 08000203-1000-000-00 |
| 203                 | 214,00              | 1,40                | 203                 | 0,55                          | 0,14              | 51,24                       | 15         | 08000203-1500-000-00 |
| 250                 | 261,00              | 1,40                | 250                 | 0,38                          | 0,10              | 41,88                       | 10         | 08000250-1000-000-00 |