

# FLEXADUX P2PU-PAS-FOOD

Very light weight and highly flexible spiral hose made of Polyurethane, antistatic and food grade

**Applications** food production & -conveying, pharmaceutical production, textile fiber extraction, extraction systems, extractions arms

**Structure** Polyether-Polyurethane, transparent, steel wire / stainless steel wire

**Temperature** -40°C up to 100°C, short term up to 125°C

**Properties** excellent flexibility, compressible, good abrasion resistance, permanently antistatic ( $R < 10^9$  Ohm), hydrolysis & microbe resistant

**Norms** certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for E | TRBS 2153, 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



food grade



hydrolysis resistant



microbe-resistant



permanently antistatic



abrasion resistant



air



dust

**made in Germany**

| 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                  | 29,00               | 0,40                | 15                  | 0,65                          | 0,30              | 2,12                        | 15         | 20500025-1500-000-00 |
| 25                  | 29,00               | 0,40                | 15                  | 0,65                          | 0,30              | 1,42                        | 10         | 20500025-1000-000-00 |
| 38                  | 42,00               | 0,40                | 22                  | 0,50                          | 0,25              | 2,08                        | 10         | 20500038-1000-000-00 |
| 38                  | 42,00               | 0,40                | 22                  | 0,50                          | 0,25              | 3,12                        | 15         | 20500038-1500-000-00 |
| 40                  | 44,00               | 0,40                | 24                  | 0,50                          | 0,25              | 2,09                        | 10         | 20500040-1000-000-00 |
| 51                  | 55,00               | 0,40                | 31                  | 0,45                          | 0,20              | 2,61                        | 10         | 20500051-1000-000-00 |
| 51                  | 55,00               | 0,40                | 31                  | 0,45                          | 0,20              | 3,92                        | 15         | 20500051-1500-000-00 |
| 60                  | 64,00               | 0,40                | 36                  | 0,40                          | 0,16              | 3,04                        | 10         | 20500060-1000-000-00 |
| 60                  | 64,00               | 0,40                | 36                  | 0,40                          | 0,16              | 4,56                        | 15         | 20500060-1500-000-00 |
| 63                  | 67,00               | 0,40                | 37                  | 0,38                          | 0,15              | 3,18                        | 10         | 20500063-1000-000-00 |
| 63                  | 67,00               | 0,40                | 37                  | 0,38                          | 0,15              | 4,78                        | 15         | 20500063-1500-000-00 |
| 76                  | 80,00               | 0,40                | 45                  | 0,30                          | 0,12              | 3,85                        | 10         | 20500076-1000-000-00 |
| 76                  | 80,00               | 0,40                | 45                  | 0,30                          | 0,12              | 5,78                        | 15         | 20500076-1500-000-00 |
| 80                  | 84,00               | 0,40                | 48                  | 0,28                          | 0,10              | 3,99                        | 10         | 20500080-1000-000-00 |
| 80                  | 84,00               | 0,40                | 48                  | 0,28                          | 0,10              | 5,99                        | 15         | 20500080-1500-000-00 |
| 102                 | 107,00              | 0,40                | 60                  | 0,20                          | 0,09              | 5,04                        | 10         | 20500102-1000-000-00 |
| 102                 | 107,00              | 0,40                | 60                  | 0,20                          | 0,09              | 7,57                        | 15         | 20500102-1500-000-00 |
| 120                 | 125,00              | 0,40                | 72                  | 0,20                          | 0,08              | 6,90                        | 10         | 20500120-1000-000-00 |
| 120                 | 125,00              | 0,40                | 72                  | 0,20                          | 0,08              | 10,36                       | 15         | 20500120-1500-000-00 |
| 127                 | 132,00              | 0,40                | 75                  | 0,18                          | 0,07              | 6,24                        | 10         | 20500127-1000-000-00 |
| 127                 | 132,00              | 0,40                | 75                  | 0,18                          | 0,07              | 9,36                        | 15         | 20500127-1500-000-00 |
| 152                 | 157,00              | 0,40                | 92                  | 0,09                          | 0,06              | 11,15                       | 15         | 20500152-1500-000-00 |

| 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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 152                 | 157,00              | 0,40                | 92                  | 0,09                          | 0,06              | 7,44                        | 10         | 20500152-1000-000-00 |
| 180                 | 185,00              | 0,40                | 108                 | 0,09                          | 0,06              | 8,77                        | 10         | 20500180-1000-000-00 |
| 180                 | 185,00              | 0,40                | 108                 | 0,09                          | 0,06              | 13,16                       | 15         | 20500180-1500-000-00 |
| 203                 | 209,00              | 0,40                | 123                 | 0,07                          | 0,05              | 0,00                        | 10         | 20500203-1000-000-00 |
| 203                 | 209,00              | 0,40                | 123                 | 0,07                          | 0,05              | 0,00                        | 15         | 20500203-1500-000-00 |
| 250                 | 256,00              | 0,40                | 150                 | 0,05                          | 0,04              | 13,06                       | 10         | 20500250-1000-000-00 |