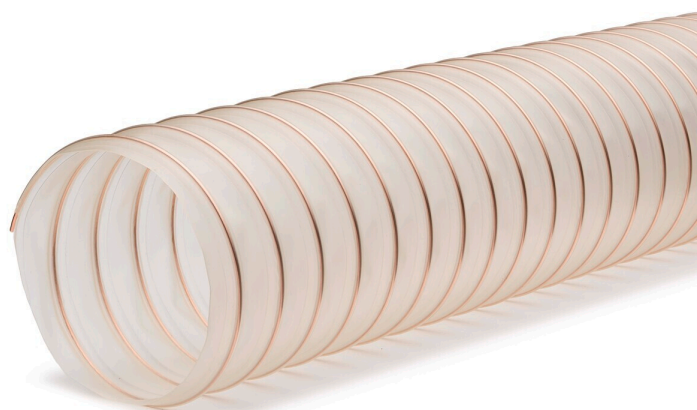


## FLEXADUX® P 2 PE

Very light weight and highly flexible spiral hose made of Polyethylene

|                     |                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, solvent vapor extraction, steam extraction, air extraction, air & cooling technology                                                                                                                                              |
| <b>Structure</b>    | PE, translucent, steel wire / spring steel wire / not coated / copper plated                                                                                                                                                                          |
| <b>Temperature</b>  | -40°C up to 60°C                                                                                                                                                                                                                                      |
| <b>Properties</b>   | light weight, excellent flexibility, particularly small bending radius ( $r < d$ ), ultra light & extremely flexible, good chemical resistance, especially to solvent & other aggressive fumes, good mechanical strength, free of halogen & softeners |
| <b>Optional</b>     | - electrically conductive ( $R < 10^4 \Omega$ )                                                                                                                                                                                                       |



| 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                  | 28,00               | 0,40                | 20                  | 0,55                          | 0,22              | 0,77                        | 10         | 28000025-1000-000-00 |
| 25                  | 28,00               | 0,40                | 20                  | 0,55                          | 0,22              | 1,15                        | 15         | 28000025-1500-000-00 |
| 32                  | 35,00               | 0,40                | 22                  | 0,55                          | 0,22              | 0,00                        | 10         | 28000032-1000-000-00 |
| 32                  | 35,00               | 0,40                | 22                  | 0,55                          | 0,22              | 0,00                        | 15         | 28000032-1500-000-00 |
| 38                  | 41,00               | 0,40                | 25                  | 0,50                          | 0,20              | 0,00                        | 10         | 28000038-1000-000-00 |
| 38                  | 41,00               | 0,40                | 25                  | 0,50                          | 0,20              | 0,00                        | 15         | 28000038-1500-000-00 |
| 40                  | 43,00               | 0,40                | 28                  | 0,45                          | 0,18              | 1,18                        | 10         | 28000040-1000-000-00 |
| 40                  | 43,00               | 0,40                | 28                  | 0,45                          | 0,18              | 1,77                        | 15         | 28000040-1500-000-00 |
| 50                  | 53,00               | 0,40                | 35                  | 0,40                          | 0,16              | 2,20                        | 15         | 28000050-1500-000-00 |
| 50                  | 53,00               | 0,40                | 35                  | 0,40                          | 0,16              | 1,47                        | 10         | 28000050-1000-000-00 |
| 60                  | 63,00               | 0,40                | 42                  | 0,40                          | 0,16              | 1,75                        | 10         | 28000060-1000-000-00 |
| 60                  | 63,00               | 0,40                | 42                  | 0,40                          | 0,16              | 2,63                        | 15         | 28000060-1500-000-00 |
| 65                  | 68,00               | 0,40                | 46                  | 0,35                          | 0,12              | 1,89                        | 10         | 28000065-1000-000-00 |
| 65                  | 68,00               | 0,40                | 46                  | 0,35                          | 0,12              | 2,84                        | 15         | 28000065-1500-000-00 |
| 75                  | 78,00               | 0,40                | 53                  | 0,30                          | 0,10              | 2,18                        | 10         | 28000075-1000-000-00 |
| 75                  | 78,00               | 0,40                | 53                  | 0,30                          | 0,10              | 3,27                        | 15         | 28000075-1500-000-00 |
| 80                  | 83,00               | 0,40                | 56                  | 0,30                          | 0,10              | 2,32                        | 10         | 28000080-1000-000-00 |
| 80                  | 83,00               | 0,40                | 56                  | 0,30                          | 0,10              | 3,48                        | 15         | 28000080-1500-000-00 |
| 100                 | 104,00              | 0,40                | 70                  | 0,20                          | 0,09              | 2,94                        | 10         | 28000100-1000-000-00 |
| 100                 | 104,00              | 0,40                | 70                  | 0,20                          | 0,09              | 4,41                        | 15         | 28000100-1500-000-00 |
| 110                 | 114,00              | 0,40                | 75                  | 0,20                          | 0,08              | 3,22                        | 10         | 28000110-1000-000-00 |
| 110                 | 114,00              | 0,40                | 75                  | 0,20                          | 0,08              | 4,84                        | 15         | 28000110-1500-000-00 |

| 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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 120                 | 124,00              | 0,40                | 85                  | 0,20                          | 0,08              | 5,27                        | 15         | 28000120-1500-000-00 |
| 120                 | 124,00              | 0,40                | 85                  | 0,20                          | 0,08              | 3,51                        | 10         | 28000120-1000-000-00 |
| 125                 | 129,00              | 0,40                | 85                  | 0,20                          | 0,08              | 3,65                        | 10         | 28000125-1000-000-00 |
| 125                 | 129,00              | 0,40                | 85                  | 0,20                          | 0,08              | 5,48                        | 15         | 28000125-1500-000-00 |
| 150                 | 154,00              | 0,40                | 100                 | 0,10                          | 0,06              | 4,37                        | 10         | 28000150-1000-000-00 |
| 150                 | 154,00              | 0,40                | 100                 | 0,10                          | 0,06              | 6,56                        | 15         | 28000150-1500-000-00 |
| 160                 | 164,00              | 0,40                | 110                 | 0,10                          | 0,05              | 6,99                        | 15         | 28000160-1500-000-00 |
| 160                 | 164,00              | 0,40                | 110                 | 0,10                          | 0,05              | 4,66                        | 10         | 28000160-1000-000-00 |
| 180                 | 186,00              | 0,40                | 120                 | 0,10                          | 0,04              | 7,81                        | 10         | 28000180-1000-000-00 |
| 180                 | 186,00              | 0,40                | 120                 | 0,10                          | 0,04              | 11,71                       | 15         | 28000180-1500-000-00 |
| 200                 | 206,00              | 0,40                | 140                 | 0,08                          | 0,05              | 8,66                        | 10         | 28000200-1000-000-00 |
| 200                 | 206,00              | 0,40                | 140                 | 0,08                          | 0,05              | 12,99                       | 15         | 28000200-1500-000-00 |
| 250                 | 256,00              | 0,40                | 175                 | 0,05                          | 0,04              | 10,78                       | 10         | 28000250-1000-000-00 |