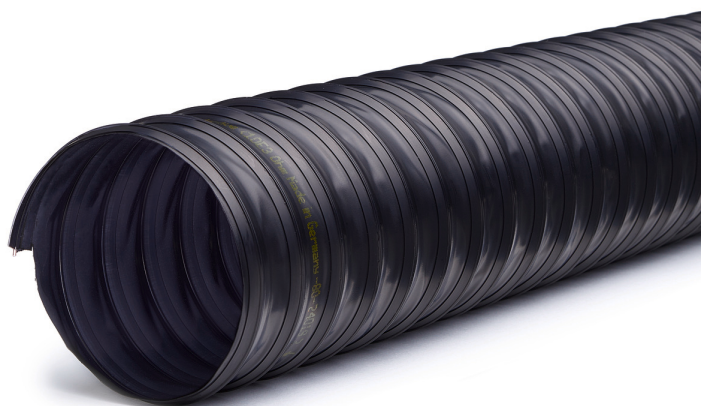


## FLEXADUX® P 2 PE EL

Very light and highly flexible spiral hose made of Polyethylene, electrically conductive

|                     |                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | solvent vapor extraction, extraction systems, steam extraction, air extraction, ventilation                                                            |
| <b>Structure</b>    | PE, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / not coated / copper plated                                          |
| <b>Temperature</b>  | -40°C up to 60°C                                                                                                                                       |
| <b>Properties</b>   | electrically conductive ( $R \leq 10^3 \text{ Ohm}$ ), light weight, excellent flexibility, very good chemical resistance, free of halogen & softeners |
| <b>Norms</b>        | TRBS 2153/TRGS 727, ATEX 2014/34/EU / aspiration (no zone or inside: zone 22)                                                                          |



| 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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 40                  | 43,00               | 0,40                | 28                  | 0,45                          | 0,18              | 1,00                        | 10         | 28005040-1000-000-99 |
| 40                  | 43,00               | 0,40                | 28                  | 0,45                          | 0,18              | 1,51                        | 15         | 28005040-1500-000-99 |
| 51                  | 54,00               | 0,40                | 36                  | 0,40                          | 0,16              | 1,90                        | 15         | 28005051-1500-000-99 |
| 51                  | 54,00               | 0,40                | 36                  | 0,40                          | 0,16              | 1,26                        | 10         | 28005051-1000-000-99 |
| 60                  | 63,00               | 0,40                | 42                  | 0,40                          | 0,16              | 1,48                        | 10         | 28005060-1000-000-99 |
| 60                  | 63,00               | 0,40                | 42                  | 0,40                          | 0,16              | 2,22                        | 15         | 28005060-1500-000-99 |
| 65                  | 68,00               | 0,40                | 46                  | 0,35                          | 0,12              | 1,60                        | 10         | 28005065-1000-000-99 |
| 65                  | 68,00               | 0,40                | 46                  | 0,35                          | 0,12              | 2,39                        | 15         | 28005065-1500-000-99 |
| 76                  | 79,00               | 0,40                | 55                  | 0,30                          | 0,10              | 1,86                        | 10         | 28005076-1000-000-99 |
| 76                  | 79,00               | 0,40                | 55                  | 0,30                          | 0,10              | 2,78                        | 15         | 28005076-1500-000-99 |
| 80                  | 83,00               | 0,40                | 56                  | 0,30                          | 0,10              | 1,95                        | 10         | 28005080-1000-000-99 |
| 80                  | 83,00               | 0,40                | 56                  | 0,30                          | 0,10              | 2,93                        | 15         | 28005080-1500-000-99 |
| 90                  | 93,00               | 0,40                | 60                  | 0,25                          | 0,10              | 2,19                        | 10         | 28005090-1000-000-99 |
| 102                 | 106,00              | 0,40                | 72                  | 0,20                          | 0,09              | 3,02                        | 10         | 28005102-1000-000-99 |
| 102                 | 106,00              | 0,40                | 72                  | 0,20                          | 0,09              | 4,54                        | 15         | 28005102-1500-000-99 |
| 110                 | 114,00              | 0,40                | 75                  | 0,20                          | 0,08              | 3,25                        | 10         | 28005110-1000-000-99 |
| 110                 | 114,00              | 0,40                | 75                  | 0,20                          | 0,08              | 4,88                        | 15         | 28005110-1500-000-99 |
| 120                 | 124,00              | 0,40                | 85                  | 0,20                          | 0,08              | 3,54                        | 10         | 28005120-1000-000-99 |
| 120                 | 124,00              | 0,40                | 85                  | 0,20                          | 0,08              | 5,31                        | 15         | 28005120-1500-000-99 |
| 127                 | 131,00              | 0,40                | 88                  | 0,20                          | 0,08              | 3,74                        | 10         | 28005127-1000-000-99 |
| 127                 | 131,00              | 0,40                | 88                  | 0,20                          | 0,08              | 5,61                        | 15         | 28005127-1500-000-99 |
| 140                 | 144,00              | 0,40                | 120                 | 0,15                          | 0,07              | 4,11                        | 10         | 28005140-1000-000-99 |

| 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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 150                 | 154,00              | 0,40                | 100                 | 0,10                          | 0,06              | 4,40                        | 10         | 28005150-1000-000-99 |
| 150                 | 154,00              | 0,40                | 100                 | 0,10                          | 0,06              | 6,60                        | 15         | 28005150-1500-000-99 |
| 152                 | 156,00              | 0,40                | 104                 | 0,10                          | 0,06              | 4,46                        | 10         | 28005152-1000-000-99 |
| 152                 | 156,00              | 0,40                | 104                 | 0,10                          | 0,06              | 6,68                        | 15         | 28005152-1500-000-99 |
| 160                 | 164,00              | 0,40                | 110                 | 0,10                          | 0,05              | 4,69                        | 10         | 28005160-1000-000-99 |
| 180                 | 186,00              | 0,40                | 120                 | 0,10                          | 0,04              | 7,83                        | 10         | 28005180-1000-000-99 |
| 180                 | 186,00              | 0,40                | 120                 | 0,10                          | 0,04              | 11,74                       | 15         | 28005180-1500-000-99 |
| 203                 | 209,00              | 0,40                | 145                 | 0,08                          | 0,05              | 8,81                        | 10         | 28005203-1000-000-99 |
| 203                 | 209,00              | 0,40                | 145                 | 0,08                          | 0,05              | 13,21                       | 15         | 28005203-1500-000-99 |
| 205                 | 211,00              | 0,40                | 150                 | 0,08                          | 0,05              | 0,00                        | 10         | 28005205-1000-000-99 |
| 250                 | 256,00              | 0,40                | 175                 | 0,05                          | 0,04              | 10,81                       | 10         | 28005250-1000-000-99 |