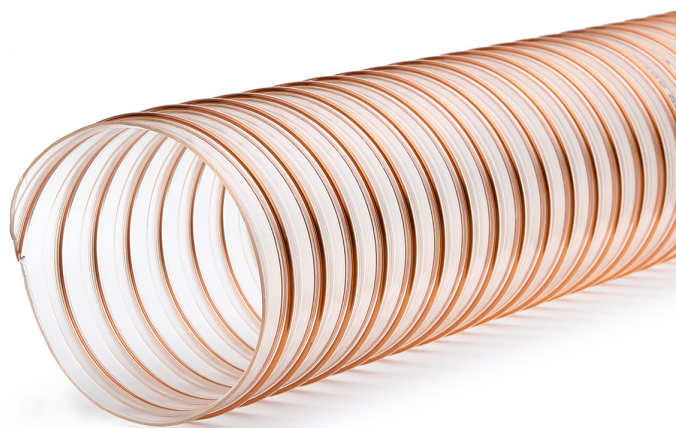


## SMARTFLEX® O.7

Medium weight and flexible spiral hose made of Polyurethane, flame retardant

|                     |                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | wood dust extraction, sawing & milling, grass extraction, leaf extraction, conveying of abrasive media                                                                                                                                 |
| <b>Structure</b>    | Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated                                                                                                                                       |
| <b>Temperature</b>  | -40°C up to 100°C, short term up to 125°C                                                                                                                                                                                              |
| <b>Properties</b>   | flame-retardant, permanently antistatic ( $R < 10^9 \text{ Ohm}$ ), hydrolysis & microbe resistant, good flexibility, good oil & petrol resistance                                                                                     |
| <b>Norms</b>        | flame-retardant according to DIN 4102 / B1   TRBS 2153/TRGS 727, ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22)   discharge capability according to BGI 739-2 with spiral earthing   DIN 26057-2 |



| 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                  | 30,00               | 0,70                | 15                  | 1,55                          | 0,40              | 2,20                        | 10         | 08700025-1000-000-00 |
| 25                  | 30,00               | 0,70                | 15                  | 1,55                          | 0,40              | 3,30                        | 15         | 08700025-1500-000-00 |
| 30                  | 35,00               | 0,70                | 20                  | 1,45                          | 0,38              | 2,61                        | 10         | 08700030-1000-000-00 |
| 30                  | 35,00               | 0,70                | 20                  | 1,45                          | 0,38              | 3,91                        | 15         | 08700030-1500-000-00 |
| 32                  | 37,00               | 0,70                | 22                  | 1,40                          | 0,35              | 3,77                        | 10         | 08700032-1000-000-00 |
| 32                  | 37,00               | 0,70                | 22                  | 1,40                          | 0,35              | 5,66                        | 15         | 08700032-1500-000-00 |
| 35                  | 40,00               | 0,70                | 24                  | 1,40                          | 0,34              | 3,01                        | 10         | 08700035-1000-000-00 |
| 35                  | 40,00               | 0,70                | 24                  | 1,40                          | 0,34              | 4,52                        | 15         | 08700035-1500-000-00 |
| 38                  | 43,00               | 0,70                | 26                  | 1,40                          | 0,33              | 3,26                        | 10         | 08700038-1000-000-00 |
| 38                  | 43,00               | 0,70                | 26                  | 1,40                          | 0,33              | 4,89                        | 15         | 08700038-1500-000-00 |
| 40                  | 45,00               | 0,70                | 28                  | 1,35                          | 0,32              | 3,07                        | 10         | 08700040-1000-000-00 |
| 40                  | 45,00               | 0,70                | 28                  | 1,35                          | 0,32              | 4,61                        | 15         | 08700040-1500-000-00 |
| 45                  | 50,00               | 0,70                | 30                  | 1,20                          | 0,30              | 3,83                        | 10         | 08700045-1000-000-00 |
| 45                  | 50,00               | 0,70                | 30                  | 1,20                          | 0,30              | 5,74                        | 15         | 08700045-1500-000-00 |
| 50                  | 56,00               | 0,70                | 35                  | 1,18                          | 0,27              | 3,85                        | 10         | 08700050-1000-000-00 |
| 50                  | 56,00               | 0,70                | 35                  | 1,18                          | 0,27              | 5,78                        | 15         | 08700050-1500-000-00 |
| 55                  | 61,00               | 0,70                | 38                  | 1,18                          | 0,27              | 4,23                        | 10         | 08700055-1000-000-00 |
| 55                  | 61,00               | 0,70                | 38                  | 1,18                          | 0,27              | 6,34                        | 15         | 08700055-1500-000-00 |
| 60                  | 66,00               | 0,70                | 42                  | 1,18                          | 0,27              | 4,60                        | 10         | 08700060-1000-000-00 |
| 60                  | 66,00               | 0,70                | 42                  | 1,18                          | 0,27              | 6,89                        | 15         | 08700060-1500-000-00 |
| 65                  | 71,00               | 0,70                | 48                  | 1,10                          | 0,25              | 7,45                        | 15         | 08700065-1500-000-00 |
| 65                  | 71,00               | 0,70                | 48                  | 1,10                          | 0,25              | 4,97                        | 10         | 08700065-1000-000-00 |

| 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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 70                  | 76,00               | 0,70                | 51                  | 1,10                          | 0,25              | 5,34                        | 10         | 08700070-1000-000-00 |
| 70                  | 76,00               | 0,70                | 51                  | 1,10                          | 0,25              | 8,01                        | 15         | 08700070-1500-000-00 |
| 76                  | 82,00               | 0,70                | 53                  | 0,90                          | 0,23              | 8,67                        | 15         | 08700076-1500-000-00 |
| 76                  | 82,00               | 0,70                | 53                  | 0,90                          | 0,23              | 5,78                        | 10         | 08700076-1000-000-00 |
| 80                  | 86,00               | 0,70                | 56                  | 0,86                          | 0,21              | 6,08                        | 10         | 08700080-1000-000-00 |
| 80                  | 86,00               | 0,70                | 56                  | 0,86                          | 0,21              | 9,12                        | 15         | 08700080-1500-000-00 |
| 90                  | 96,00               | 0,70                | 60                  | 0,75                          | 0,20              | 6,82                        | 10         | 08700090-1000-000-00 |
| 90                  | 96,00               | 0,70                | 60                  | 0,75                          | 0,20              | 10,23                       | 15         | 08700090-1500-000-00 |
| 102                 | 108,00              | 0,70                | 71                  | 0,64                          | 0,19              | 7,71                        | 10         | 08700102-1000-000-00 |
| 102                 | 108,00              | 0,70                | 71                  | 0,64                          | 0,19              | 11,56                       | 15         | 08700102-1500-000-00 |
| 110                 | 116,00              | 0,70                | 78                  | 0,60                          | 0,17              | 12,45                       | 15         | 08700110-1500-000-00 |
| 110                 | 116,00              | 0,70                | 78                  | 0,60                          | 0,17              | 8,30                        | 10         | 08700110-1000-000-00 |
| 115                 | 121,00              | 0,70                | 80                  | 0,58                          | 0,16              | 8,67                        | 10         | 08700115-1000-000-00 |
| 115                 | 121,00              | 0,70                | 80                  | 0,58                          | 0,16              | 13,01                       | 15         | 08700115-1500-000-00 |
| 120                 | 126,00              | 0,70                | 84                  | 0,54                          | 0,16              | 8,95                        | 10         | 08700120-1000-000-00 |
| 120                 | 126,00              | 0,70                | 84                  | 0,54                          | 0,16              | 13,42                       | 15         | 08700120-1500-000-00 |
| 125                 | 131,00              | 0,70                | 88                  | 0,50                          | 0,15              | 9,31                        | 10         | 08700125-1000-000-00 |
| 125                 | 131,00              | 0,70                | 88                  | 0,50                          | 0,15              | 13,97                       | 15         | 08700125-1500-000-00 |
| 130                 | 136,00              | 0,70                | 92                  | 0,45                          | 0,13              | 9,68                        | 10         | 08700130-1000-000-00 |
| 130                 | 136,00              | 0,70                | 92                  | 0,45                          | 0,13              | 14,52                       | 15         | 08700130-1500-000-00 |
| 140                 | 146,00              | 0,70                | 98                  | 0,43                          | 0,11              | 10,41                       | 10         | 08700140-1000-000-00 |
| 140                 | 146,00              | 0,70                | 98                  | 0,43                          | 0,11              | 15,62                       | 15         | 08700140-1500-000-00 |
| 150                 | 156,00              | 0,70                | 105                 | 0,41                          | 0,11              | 11,15                       | 10         | 08700150-1000-000-00 |
| 150                 | 156,00              | 0,70                | 105                 | 0,41                          | 0,11              | 16,72                       | 15         | 08700150-1500-000-00 |
| 160                 | 166,00              | 0,70                | 112                 | 0,37                          | 0,11              | 11,88                       | 10         | 08700160-1000-000-00 |
| 160                 | 166,00              | 0,70                | 112                 | 0,37                          | 0,11              | 17,82                       | 15         | 08700160-1500-000-00 |
| 175                 | 181,00              | 0,70                | 123                 | 0,35                          | 0,11              | 19,47                       | 15         | 08700175-1500-000-00 |
| 175                 | 181,00              | 0,70                | 123                 | 0,35                          | 0,11              | 12,98                       | 10         | 08700175-1000-000-00 |
| 180                 | 187,00              | 0,70                | 126                 | 0,32                          | 0,11              | 15,96                       | 10         | 08700180-1000-000-00 |
| 180                 | 187,00              | 0,70                | 126                 | 0,32                          | 0,11              | 23,93                       | 15         | 08700180-1500-000-00 |
| 200                 | 207,00              | 0,70                | 140                 | 0,27                          | 0,10              | 17,71                       | 10         | 08700200-1000-000-00 |
| 200                 | 207,00              | 0,70                | 140                 | 0,27                          | 0,10              | 26,56                       | 15         | 08700200-1500-000-00 |
| 215                 | 217,00              | 0,70                | 150                 | 0,23                          | 0,06              | 16,47                       | 10         | 08700215-1000-000-00 |
| 215                 | 217,00              | 0,70                | 150                 | 0,23                          | 0,06              | 24,71                       | 15         | 08700215-1500-000-00 |
| 225                 | 232,00              | 0,70                | 158                 | 0,21                          | 0,08              | 19,90                       | 10         | 08700225-1000-000-00 |
| 225                 | 232,00              | 0,70                | 158                 | 0,21                          | 0,08              | 29,85                       | 15         | 08700225-1500-000-00 |
| 250                 | 257,00              | 0,70                | 175                 | 0,21                          | 0,06              | 22,09                       | 10         | 08700250-1000-000-00 |
| 250                 | 257,00              | 0,70                | 175                 | 0,21                          | 0,06              | 33,14                       | 15         | 08700250-1500-000-00 |
| 254                 | 261,00              | 0,70                | 179                 | 0,20                          | 0,06              | 22,44                       | 10         | 08700254-1000-000-00 |
| 254                 | 261,00              | 0,70                | 179                 | 0,20                          | 0,06              | 33,66                       | 15         | 08700254-1500-000-00 |
| 275                 | 282,00              | 0,70                | 185                 | 0,18                          | 0,06              | 24,28                       | 10         | 08700275-1000-000-00 |
| 300                 | 307,00              | 0,70                | 210                 | 0,16                          | 0,06              | 26,48                       | 10         | 08700300-1000-000-00 |
| 315                 | 322,00              | 0,70                | 225                 | 0,14                          | 0,05              | 29,86                       | 10         | 08700315-1000-000-00 |
| 325                 | 332,00              | 0,70                | 235                 | 0,11                          | 0,03              | 34,15                       | 10         | 08700325-1000-000-00 |

| 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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 350                 | 357,00              | 0,70                | 245                 | 0,11                          | 0,02              | 33,15                       | 10         | 08700350-1000-000-00 |
| 400                 | 407,00              | 0,70                | 280                 | 0,09                          | 0,01              | 37,86                       | 10         | 08700400-1000-000-00 |
| 450                 | 457,00              | 0,70                | 315                 | 0,07                          | 0,01              | 42,57                       | 10         | 08700450-1000-000-00 |
| 500                 | 507,00              | 0,70                | 350                 | 0,05                          | 0,01              | 47,28                       | 10         | 08700500-1000-000-00 |