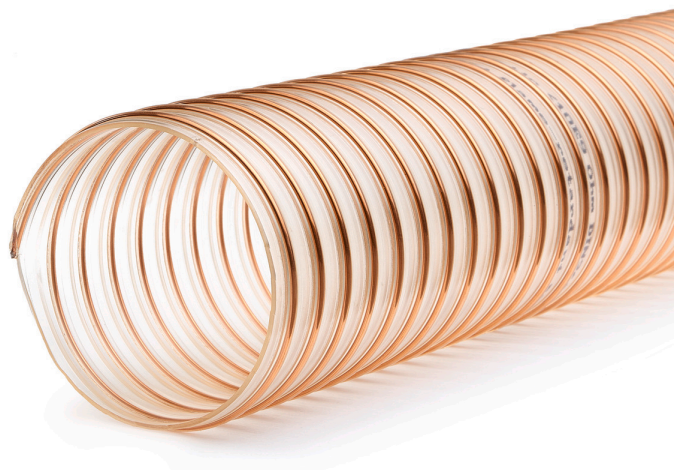


SMARTFLEX 1.4

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

- Applications** wood dust extraction, sawing & milling, grass extraction, leaf extraction, conveying of abrasive media
- Structure** TPU / Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated
- Temperature** -40°C up to 100°C, short term up to 125°C
- Properties** flame-retardant, permanently antistatic ($R < 10^9$ Ohm), hydrolysis & microbe resistant, good flexibility, very smooth inside, corrugated outside
- Norms** 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), ATEX 2014/34/EU / conveying of flammable liquids (inside: zone 0, 1, 2) | discharge capability according to BGI 739-2 with spiral earthing | DIN 26057-3



| 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 | 33,00 | 1,40 | 25 | 3,75 | 0,90 | 2,41 | 10 | 08800025-1000-000-00 |
| 25 | 33,00 | 1,40 | 25 | 3,75 | 0,90 | 3,62 | 15 | 08800025-1500-000-00 |
| 32 | 41,00 | 1,40 | 32 | 3,56 | 0,86 | 4,09 | 10 | 08800032-1000-000-00 |
| 32 | 41,00 | 1,40 | 32 | 3,56 | 0,86 | 6,13 | 15 | 08800032-1500-000-00 |
| 38 | 47,00 | 1,40 | 38 | 2,88 | 0,70 | 7,01 | 15 | 08800038-1500-000-00 |
| 38 | 47,00 | 1,40 | 38 | 2,88 | 0,70 | 4,67 | 10 | 08800038-1000-000-00 |
| 40 | 49,00 | 1,40 | 40 | 2,88 | 0,70 | 4,90 | 10 | 08800040-1000-000-00 |
| 40 | 49,00 | 1,40 | 40 | 2,88 | 0,70 | 7,35 | 15 | 08800040-1500-000-00 |
| 50 | 59,00 | 1,40 | 50 | 2,38 | 0,60 | 6,44 | 10 | 08800050-1000-000-00 |
| 50 | 59,00 | 1,40 | 50 | 2,38 | 0,60 | 9,65 | 15 | 08800050-1500-000-00 |
| 60 | 69,00 | 1,40 | 60 | 2,25 | 0,55 | 7,65 | 10 | 08800060-1000-000-00 |
| 60 | 69,00 | 1,40 | 60 | 2,25 | 0,55 | 11,48 | 15 | 08800060-1500-000-00 |
| 65 | 74,00 | 1,40 | 65 | 2,15 | 0,55 | 8,26 | 10 | 08800065-1000-000-00 |
| 65 | 74,00 | 1,40 | 65 | 2,15 | 0,55 | 12,39 | 15 | 08800065-1500-000-00 |
| 70 | 79,00 | 1,40 | 70 | 2,00 | 0,55 | 13,30 | 15 | 08800070-1500-000-00 |
| 70 | 79,00 | 1,40 | 70 | 2,00 | 0,55 | 8,87 | 10 | 08800070-1000-000-00 |
| 76 | 85,00 | 1,40 | 76 | 1,75 | 0,50 | 9,59 | 10 | 08800076-1000-000-00 |
| 76 | 85,00 | 1,40 | 76 | 1,75 | 0,50 | 14,39 | 15 | 08800076-1500-000-00 |
| 80 | 89,00 | 1,40 | 80 | 1,50 | 0,45 | 10,08 | 10 | 08800080-1000-000-00 |
| 80 | 89,00 | 1,40 | 80 | 1,50 | 0,45 | 15,12 | 15 | 08800080-1500-000-00 |
| 90 | 99,00 | 1,40 | 90 | 1,35 | 0,40 | 11,29 | 10 | 08800090-1000-000-00 |
| 90 | 99,00 | 1,40 | 90 | 1,35 | 0,40 | 16,94 | 15 | 08800090-1500-000-00 |

| 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 |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 100 | 110,00 | 1,40 | 100 | 1,21 | 0,40 | 13,51 | 10 | 08800100-1000-000-00 |
| 100 | 110,00 | 1,40 | 100 | 1,21 | 0,40 | 20,26 | 15 | 08800100-1500-000-00 |
| 110 | 120,00 | 1,40 | 110 | 1,15 | 0,38 | 15,81 | 10 | 08800110-1000-000-00 |
| 110 | 120,00 | 1,40 | 110 | 1,15 | 0,38 | 23,71 | 15 | 08800110-1500-000-00 |
| 120 | 130,00 | 1,40 | 120 | 0,99 | 0,30 | 16,11 | 10 | 08800120-1000-000-00 |
| 120 | 130,00 | 1,40 | 120 | 0,99 | 0,30 | 24,16 | 15 | 08800120-1500-000-00 |
| 140 | 150,00 | 1,40 | 140 | 0,77 | 0,20 | 18,70 | 10 | 08800140-1000-000-00 |
| 140 | 150,00 | 1,40 | 140 | 0,77 | 0,20 | 28,05 | 15 | 08800140-1500-000-00 |
| 150 | 160,00 | 1,40 | 150 | 0,77 | 0,20 | 20,00 | 10 | 08800150-1000-000-00 |
| 150 | 160,00 | 1,40 | 150 | 0,77 | 0,20 | 30,00 | 15 | 08800150-1500-000-00 |
| 160 | 170,00 | 1,40 | 160 | 0,66 | 0,20 | 21,30 | 10 | 08800160-1000-000-00 |
| 160 | 170,00 | 1,40 | 160 | 0,66 | 0,20 | 31,95 | 15 | 08800160-1500-000-00 |
| 180 | 190,00 | 1,40 | 180 | 0,55 | 0,15 | 29,01 | 10 | 08800180-1000-000-00 |
| 180 | 190,00 | 1,40 | 180 | 0,55 | 0,15 | 43,52 | 15 | 08800180-1500-000-00 |
| 200 | 211,00 | 1,40 | 200 | 0,55 | 0,15 | 41,93 | 15 | 08800200-1500-000-00 |
| 200 | 211,00 | 1,40 | 200 | 0,55 | 0,15 | 27,96 | 10 | 08800200-1000-000-00 |
| 250 | 261,00 | 1,40 | 250 | 0,38 | 0,10 | 34,75 | 10 | 08800250-1000-000-00 |
| 250 | 261,00 | 1,40 | 250 | 0,38 | 0,10 | 52,12 | 15 | 08800250-1500-000-00 |
| 300 | 311,00 | 1,40 | 300 | 0,30 | 0,10 | 41,54 | 10 | 08800300-1000-000-00 |
| 350 | 361,00 | 1,40 | 350 | 0,28 | 0,09 | 23,03 | 5 | 08800350-0500-000-00 |
| 350 | 361,00 | 1,40 | 350 | 0,28 | 0,09 | 46,07 | 10 | 08800350-1000-000-00 |
| 400 | 411,00 | 1,40 | 400 | 0,25 | 0,09 | 30,41 | 5 | 08800400-0500-000-00 |
| 400 | 411,00 | 1,40 | 400 | 0,25 | 0,09 | 60,83 | 10 | 08800400-1000-000-00 |
| 450 | 461,00 | 1,40 | 450 | 0,13 | 0,08 | 34,17 | 5 | 08800450-0500-000-00 |
| 450 | 461,00 | 1,40 | 450 | 0,13 | 0,08 | 68,34 | 10 | 08800450-1000-000-00 |
| 500 | 511,00 | 1,40 | 500 | 0,10 | 0,07 | 37,92 | 5 | 08800500-0500-000-00 |
| 500 | 511,00 | 1,40 | 500 | 0,10 | 0,07 | 75,84 | 10 | 08800500-1000-000-00 |