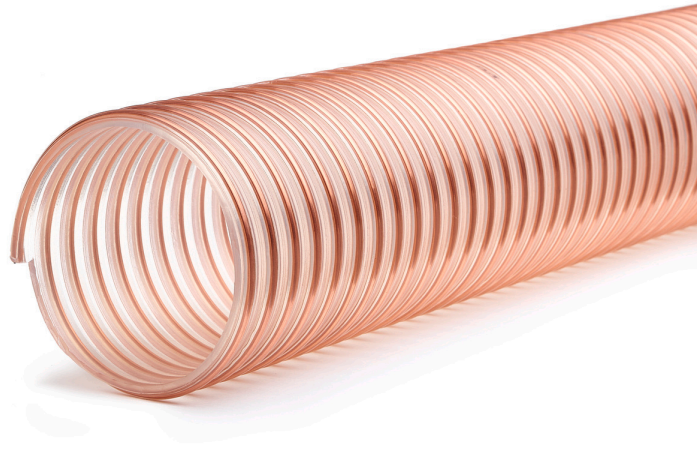


SMARTFLEX PU 2

Very heavy weight Polyurethane hose, flame retardant

| | |
|---------------------|--|
| Applications | conveying of abrasive media, roof graveling, vacuum conveyor, fish farming, gravel conveying |
| 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, 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) discharge capability according to BGI 739-2 with spiral earthing DIN 26057-4 |



| 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 |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------|
| 38 | 50,00 | 2,00 | 100 | 3,75 | 0,95 | 7,48 | 10 | ND55703800K |
| 38 | 50,00 | 2,00 | 100 | 3,75 | 0,95 | 11,21 | 15 | ND55703800M |
| 40 | 52,00 | 2,00 | 100 | 3,75 | 0,95 | 8,30 | 10 | ND55704000K |
| 40 | 52,00 | 2,00 | 100 | 3,75 | 0,95 | 12,46 | 15 | ND55704000M |
| 51 | 63,00 | 2,00 | 126 | 3,19 | 0,95 | 15,63 | 15 | ND55705100M |
| 51 | 63,00 | 2,00 | 126 | 3,19 | 0,95 | 20,84 | 20 | ND55705100N |
| 51 | 63,00 | 2,00 | 126 | 3,19 | 0,95 | 10,42 | 10 | ND55705100K |
| 60 | 72,00 | 2,00 | 150 | 2,80 | 0,95 | 12,26 | 10 | ND55706000K |
| 60 | 72,00 | 2,00 | 150 | 2,80 | 0,95 | 18,39 | 15 | ND55706000M |
| 63 | 75,00 | 2,00 | 155 | 2,70 | 0,95 | 11,70 | 10 | ND55706300K |
| 63 | 75,00 | 2,00 | 155 | 2,70 | 0,95 | 17,55 | 15 | ND55706300M |
| 65 | 77,00 | 2,00 | 165 | 2,60 | 0,95 | 13,25 | 10 | ND55706500K |
| 65 | 77,00 | 2,00 | 165 | 2,60 | 0,95 | 19,87 | 15 | ND55706500M |
| 76 | 88,00 | 2,00 | 190 | 2,25 | 0,95 | 13,90 | 10 | ND55707600K |
| 76 | 88,00 | 2,00 | 190 | 2,25 | 0,95 | 20,85 | 15 | ND55707600M |
| 80 | 93,00 | 2,00 | 200 | 2,09 | 0,95 | 14,63 | 10 | ND55708000K |
| 80 | 93,00 | 2,00 | 200 | 2,09 | 0,95 | 21,94 | 15 | ND55708000M |
| 102 | 115,00 | 2,00 | 290 | 1,90 | 0,95 | 18,35 | 10 | ND55710200K |
| 102 | 115,00 | 2,00 | 290 | 1,90 | 0,95 | 27,53 | 15 | ND55710200M |
| 115 | 128,00 | 2,00 | 320 | 1,60 | 0,90 | 20,55 | 10 | ND55711500K |
| 115 | 128,00 | 2,00 | 320 | 1,60 | 0,90 | 30,83 | 15 | ND55711500M |
| 120 | 133,00 | 2,00 | 350 | 1,55 | 0,90 | 21,38 | 10 | ND55712000K |

| 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 | 133,00 | 2,00 | 350 | 1,55 | 0,90 | 32,07 | 15 | ND55712000M |
| 127 | 140,00 | 2,00 | 358 | 1,45 | 0,85 | 26,16 | 10 | ND55712700K |
| 127 | 140,00 | 2,00 | 358 | 1,45 | 0,85 | 39,25 | 15 | ND55712700M |
| 152 | 165,00 | 2,00 | 462 | 1,35 | 0,75 | 40,33 | 15 | ND55715200M |
| 152 | 165,00 | 2,00 | 462 | 1,35 | 0,75 | 26,88 | 10 | ND55715200K |
| 160 | 173,00 | 2,00 | 680 | 1,25 | 0,70 | 28,24 | 10 | ND55716000K |
| 200 | 213,00 | 2,00 | 900 | 1,04 | 0,60 | 35,01 | 10 | ND55720000K |
| 250 | 263,00 | 2,00 | 1.300 | 0,63 | 0,40 | 43,48 | 10 | ND55725000K |