



DUST SPARES
dust control spare parts for industry
www.dustspares.co.uk 03456 800 696

PU Clear Flexible Ducting



Material

Spiral: spring steel Copper wire
Wall: pure polyester polyurethane
Wall thickness between spirals approx. 0.4 mm

Applications

- Protective Hose against mechanical wear
- Transport hose for abrasive dusts
- Wood processing machines
- Shavings extractions in wood processing

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Properties

- Halogen and plasticizer-free
- Ultra lightweight & extremely flexible
- Highly abrasion-resistant
- Smallest bending radii
- Generally good UV and ozone resistance
- Gas-tight
- High tensile strength
- Anti-static by bonding the reinforcing wire
- Acc. to TRBS 2153 (Zone 1, 21) for non-flammable dust/bulk solids and gases/liquids with low conductivity of electrostatic charges when earthed at both ends of the spiral
- Super lightweight
- Permanently kink-resistant
- Solvent, oil and petroleum-proof
- Symmetrical fold behaviour
- Compressable approx 1:5

| Internal diameter (mm) | Weight per metre (kg) | Bend Rad. (mm) | Vacuum (mH2O) | Wall Thickness (mm) |
|------------------------|-----------------------|----------------|---------------|---------------------|
| 50 | 0.18 | 13 | 0.20 | 0.4 |
| 63 | 0.23 | 16 | 0.15 | 0.4 |
| 80 | 0.37 | 20 | 0.10 | 0.4 |
| 100 | 0.48 | 20 | 0.09 | 0.4 |
| 125 | 0.59 | 25 | 0.08 | 0.4 |
| 150 | 0.70 | 30 | 0.06 | 0.5 |
| 160 | 0.75 | 32 | 0.06 | 0.5 |
| 180 | 0.83 | 36 | 0.06 | 0.5 |
| 200 | 0.92 | 40 | 0.05 | 0.5 |
| 250 | 1.25 | 50 | 0.04 | 0.6 |
| 300 | 1.50 | 60 | 0.03 | 0.6 |
| 350 | 1.75 | 70 | 0.03 | 0.6 |
| 400 | 2.00 | 80 | 0.02 | 0.6 |