

# P2PU

## Polyurethane Ducting - *Light Weight*



**Construction:** Polyester-Polyurethane wall encapsulating a spring steel wire helix.

**Colour:** Clear.

**Standard Length:** 10 metre lengths from 25mm to 800mm.

**Temperature Range:** -40°C to +100°C in a 20°C ambient.

**Applications:** Suction and transportation of air, dust and fumes, conveyance of light abrasive solids in a wide range of industries.

**Properties:** Excellent flexibility, good abrasion resistance and compressibility with excellent resistance to oil and petrol fumes.

**Options:**

- P2PU AE – Resistant to hydrolysis and microbes, non-toxic, food proved according to FDA & EU regulations.
- P2PU AS – Anti-static ( $R \leq 10^8$  ohms), conform to TRBS 2153.
- P2PU SE-A – Flame retardant to DIN 4102 B1.
- P2PU BL – Black.

Diameter mm	Weight Kg/m	Wall Thickness mm	Bend Radius mm	Max. Work. Press. Bar	Max. Vacuum Bar
25	0.13	0.4	18	0.65	0.30
32	0.17	0.4	21	0.60	0.30
38	0.23	0.4	28	0.50	0.25
51	0.30	0.4	35	0.40	0.20
65	0.40	0.4	49	0.35	0.14
76	0.43	0.4	53	0.30	0.10
80	0.46	0.4	56	0.28	0.10
89	0.50	0.4	61	0.25	0.09
102	0.52	0.4	70	0.20	0.09
115	0.60	0.4	78	0.20	0.08
127	0.65	0.4	88	0.20	0.08
140	0.71	0.4	95	0.15	0.06
152	0.78	0.4	105	0.10	0.06
160	0.82	0.4	110	0.09	0.05
178	0.90	0.4	123	0.09	0.05
203	1.05	0.4	140	0.08	0.05
228	1.15	0.4	158	0.05	0.04
254	1.25	0.4	175	0.05	0.04
305	1.55	0.4	210	0.03	0.03
357	1.80	0.4	245	0.02	0.02
408	2.10	0.4	280	0.02	0.02
458	2.35	0.4	315	0.01	0.01
508	2.62	0.4	350	0.01	0.01

Technical data at +20°C. Other diameters/lengths available upon request.

