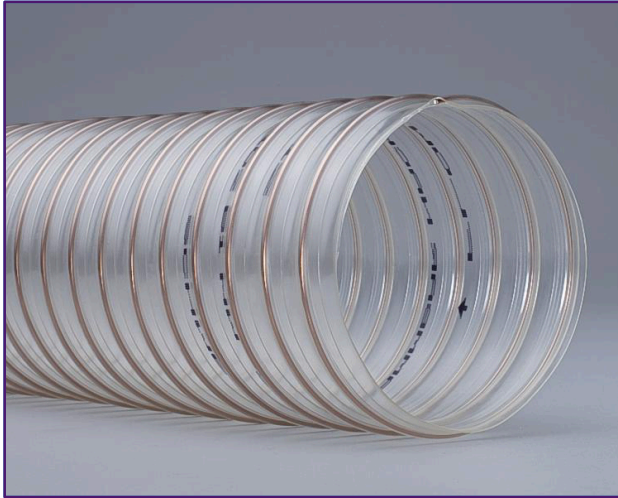


Smartflex 0.4

Light Weight Polyether-Polyurethane Ducting



Construction: Polyether-polyurethane wall encapsulating a copper coated spring steel wire helix.

Colour: Clear.

Standard length: 10 metres.

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

Applications: Suction of dust and small particles in woodworking industries such as shavings and dust.

Properties: Flame retardant according to DIN 4102 B1, hydrolysis and microbe resistant, permanently antistatic according to ISO 8031 10^{-9} Ohms, compliant with TRGS 727 2.5×10^{-8} Ohms and ATEX 2014/34/EU, very smooth flow channel, high abrasion resistance, good flexibility at low temperatures, good resistance to petrol and oil, free of halogens and plasticisers, conductive in accordance with BGI 739-2 when the spiral is grounded, production in accordance with DIN 26057 type 1.

Inside Diameter mm	Weight Kg/m	Wall Thickness mm	Bend Radius mm	Max. Work. Press. Bar	Max. Vacuum Bar
25	0.13	0.40	16	0.60	0.30
30	0.15	0.40	20	0.55	0.25
40	0.23	0.40	28	0.50	0.25
51	0.29	0.40	35	0.40	0.20
63	0.34	0.40	42	0.40	0.16
80	0.46	0.40	56	0.27	0.1
102	0.52	0.40	70	0.20	0.09
127	0.61	0.40	88	0.20	0.08
140	0.66	0.40	92	0.15	0.08
152	0.78	0.40	105	0.10	0.070
160	0.85	0.40	114	0.09	0.06
180	0.95	0.40	128	0.09	0.06
203	1.02	0.40	140	0.08	0.05
215	1.14	0.40	185	0.07	0.05
225	1.20	0.40	200	0.06	0.04
254	1.28	0.40	205	0.05	0.04
305	1.54	0.40	210	0.03	0.03
400	2.05	0.40	280	0.01	0.01
500	2.56	0.40	350	0.01	0.01
600	4.60	0.40	400	0.01	0.01
710	5.44	0.40	497	0.01	0.01
800	6.13	0.40	560	0.01	0.01