

P1NPU AS

Medium weight flexible Polyurethane Ducting



Construction: Polyether-Polyurethane wall with embedded PVC 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 and transportation of abrasive materials in a wide range of industries.

Properties: Antistatic ($R \leq 10^8$ Ohm), conforms to TRBS 2153 and for aspiration also to TRGS 727, resistant to hydrolysis and microbes, very good flexibility, high abrasion resistance, excellent resistance to oil and petrol vapours.

Inside Diameter mm	Weight (kg/m)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)
20	0.15	0.50	20	1.90	0.55
25	0.18	0.50	25	1.70	0.45
30	0.21	0.50	30	1.65	0.45
32	0.22	0.50	32	1.60	0.42
35	0.24	0.50	35	1.50	0.35
38	0.26	0.50	38	1.50	0.30
40	0.29	0.50	40	1.40	0.30
51	0.45	0.50	50	1.30	0.28
63	0.54	0.60	60	1.10	0.25
70	0.62	0.60	70	0.80	0.20
76	0.67	0.60	75	0.80	0.20
80	0.71	0.60	80	0.80	0.20
89	0.79	0.60	90	0.70	0.16
102	0.90	0.60	100	0.60	0.15
110	0.99	0.60	110	0.50	0.14
115	1.08	0.60	125	0.45	0.14
127	1.02	0.60	125	0.40	0.12
140	1.14	0.60	140	0.30	0.12
152	1.22	0.60	150	0.25	0.10
160	1.30	0.60	160	0.22	0.10
178	1.42	0.60	170	0.22	0.10
180	1.62	0.60	180	0.20	0.09
203	1.80	0.60	200	0.20	0.09
215	1.93	0.60	210	0.15	0.09
228	2.02	0.60	220	0.15	0.08
254	2.33	0.65	250	0.12	0.06
305	2.79	0.65	300	0.10	0.04
356	3.24	0.65	350	0.08	0.02
408	3.70	0.65	400	0.06	0.01