

# P1NPU-A

## Medium weight flexible Polyurethane Ducting



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

**Colour:** Clear.

**Standard length:** 10 Metre lengths.

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

**Applications:** Suction and transport of light weight materials in the paper, woodworking and textile industry.

**Properties:** Excellent flexibility, high abrasion resistance and good resistance to fumes and solvents, oils and fuels.

**Options:**

- P1NPU-A FR:  
Flame retardant according to DIN 4102 B1.

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	0.2
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