

# PU VAC M AE

## Polyurethane Ducting - Heavy Weight



**Construction:** Polyether-Polyurethane wall (1.4mm thickness) with an embedded spring steel wire helix.

**Colour:** Clear.

**Standard Length:** 10 metres up to 160mm diameter, 5 metres from 178mm diameter.

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

**Applications:** Suction and discharge of abrasive materials in a wide range of industries.

**Properties:** Very smooth bore, good flexibility and excellent abrasion resistance. Resistant to hydrolysis and microbes, non toxic, food approved according to FDA and EU regulations. Resistant to oils and petrols, free of halogen and softeners.

**Options:**

- PU VAC M AS – Anti-static ( $R \leq 10^8$  Ohm), conforms to TRBS 2153.
- PU VAC M EL – Electrically conductive ( $R \leq 10^4$  Ohm).

Diameter mm	Weight Kg/m	Wall Thickness mm	Bend Radius mm	Max. Work. Press. Bar	Max. Vacuum Bar
32	0.38	1.4	48	3.00	0.90
38	0.52	1.4	57	2.40	0.75
51	0.67	1.4	75	1.90	0.60
65	0.79	1.4	90	1.80	0.55
76	0.98	1.4	113	1.20	0.50
80	1.09	1.4	120	1.20	0.45
89	1.29	1.4	135	1.10	0.45
102	1.36	1.4	150	1.10	0.40
115	1.42	1.4	180	0.90	0.30
127	1.54	1.4	188	0.80	0.25
140	1.75	1.4	210	0.70	0.20
152	1.82	1.4	255	0.70	0.20
160	2.15	1.4	240	0.60	0.20
178	2.55	1.4	270	0.50	0.15
203	2.92	1.4	300	0.50	0.15
228	3.25	1.4	338	0.40	0.10
254	3.57	1.4	375	0.30	0.10
305	4.31	1.4	450	0.30	0.10
356	5.05	1.4	525	0.25	0.09
408	5.75	1.4	600	0.20	0.09
456	6.47	1.4	675	0.10	0.08

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

