

# PU Flex-spiral MW



Medium Wall Polyurethane ducting reinforced with a anti-shock rigid PVC helix. Corrugated outer with a perfectly smooth bore for optimised flow characteristics. Wall thickness from 0.8mm to 1.0mm.

#### Options:

- PU Ester grade with dark grey spiral for Industrial applications.
- PU Ether grade with Ivory coloured spiral for Food grade applications.
- Both grades available with a copper wire bonded to hose outer for anti-static applications

#### Applications:

- PU Ester grade for use with abrasive powders, pellets, plastic granules, fibres and dust.
- PU Ether food grade version for use with Liquid and dry foods such as grain, sugar, flour and animal feed. Suitable for fatty foods except milk and dairy products.

**Temperature range:** -40°C to +80°C.

Hose I.D.	Minimum Wall Thickness	Maximum Wall Thickness	Vacuum Rating	Bend Radius	Weight.	Coil Length.
30mm	0.8mm	3.0mm	3.5 Mtr/H <sup>2</sup> O	100mm	250 g/mtr	30 metres
38mm	0.8mm	3.3mm	3 Mtr/H <sup>2</sup> O	130mm	310 g/mtr	30 metres
40mm	0.8mm	3.6mm	3 Mtr/H <sup>2</sup> O	140mm	350 g/mtr	30 metres
45mm	1.0mm	4.0mm	3 Mtr/H <sup>2</sup> O	160mm	440 g/mtr	30 metres
51mm	1.0mm	4.5mm	3 Mtr/H <sup>2</sup> O	175mm	550 g/mtr	30 metres
60mm	1.0mm	4.5mm	3 Mtr/H <sup>2</sup> O	200mm	640 g/mtr	30 metres
63.5mm	1.0mm	4.5mm	3 Mtr/H <sup>2</sup> O	230mm	670 g/mtr	30 metres
70mm	1.0mm	4.5mm	3 Mtr/H <sup>2</sup> O	250mm	750 g/mtr	30 metres
76mm	1.0mm	4.5mm	2.5 Mtr/H <sup>2</sup> O	270mm	780 g/mtr	30 metres
90mm	1.0mm	5.2mm	2.5 Mtr/H <sup>2</sup> O	360mm	1050 g/mtr	30 metres
102mm	1.0mm	5.7mm	2.5 Mtr/H <sup>2</sup> O	400mm	1270 g/mtr	30 metres
110mm	1.0mm	5.8mm	2.5 Mtr/H <sup>2</sup> O	440mm	1400 g/mtr	30 metres
120mm	1.0mm	5.9mm	2.5 Mtr/H <sup>2</sup> O	470mm	1500 g/mtr	30 metres
127mm	1.0mm	5.9mm	2.5 Mtr/H <sup>2</sup> O	500mm	1600 g/mtr	30 metres
152mm	1.0mm	6.4mm	2 Mtr/H <sup>2</sup> O	600mm	2000 g/mtr	20 metres
203mm	1.2mm	8.9mm	1 Mtr/H <sup>2</sup> O	400mm	2900 g/mtr	20 metres
254mm	1.2mm	8.9mm	1 Mtr/H <sup>2</sup> O	500mm	3600 g/mtr	10 metres
304mm	1.2mm	8.9mm	0.8 Mtr/H <sup>2</sup> O	610mm	4300 g/mtr	10 metres

Pressure and vacuum data is for guide purposes only and is based on an ambient 20°C operating temperature. Any increase in temperature will result in a decrease of the pressure/vacuum capabilities.