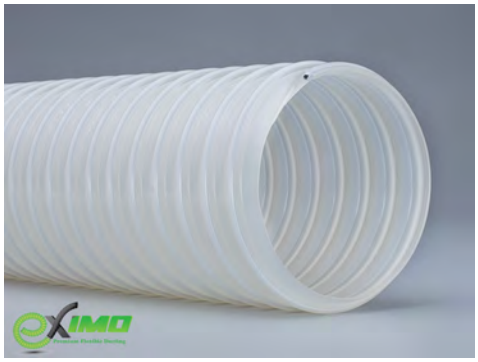
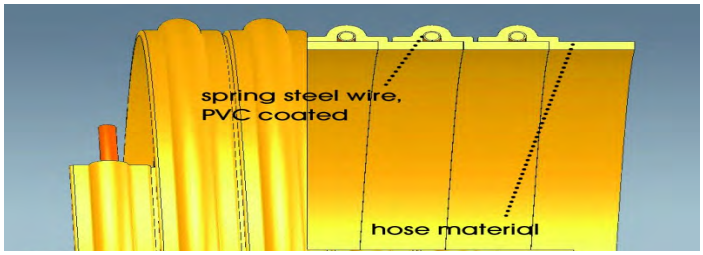
PolyFlex Heavy

Heavy weight and flexible Polyurethane ducting





Internal Dia. (mm)	Weight (kg/m)	Wall Thickness (mm)	Bend radius (mm)	Max work press. (bar)	Max vacuum (bar)
32	0,25	0,8	45	2,10	0,50
40	0,35	0,9	60	2,00	0,45
52	0,44	0,9	75	1,80	0,40
63	0,53	0,9	90	1,60	0,35
76	0,62	0,9	105	1,50	0,35
82	0,67	0,9	120	1,20	0,30
102	1,02	1,1	150	1,00	0,30
115	1,15	1,1	180	0,80	0,25
120	1,22	1,1	180	0,80	0,25
127	1,28	1,1	185	0,75	0,25
140	1,40	1,2	210	0,60	0,20
152	1,46	1,2	225	0,50	0,20
160	1,55	1,2	235	0,50	0,20
170	1,70	1,2	260	0,45	0,15
180	1,75	1,2	260	0,45	0,15
203	1,94	1,2	300	0,35	0,12
229	2,55	1,4	338	0,30	0,11
254	3,15	1,4	375	0,25	0,10
275	3,46	1,4	413	0,23	0,10
305	3,78	1,4	450	0,20	0,09
356	4,41	1,4	525	0,15	0,09
400	5,05	1,4	600	0,10	0,08
457	6,71	1,4	675	0,08	0,06

Further diameters available upon request.
Technical data are based on +20°C.

Material
Polyester-polyurethane

Wall Thickness
25mm-39mm = 0.8mm
40mm-99mm = 1.0mm
100mm-139mm = 1.15mm
140mm-210mm = 1.2mm
215mm-500mm = 1.4mm

Colour
Clear

Single Length
10m rolls/cut lengths to order

Temperature Resistance
-40°up to +100°C

Superior Technology
PolyFlex Heavy contains a unique organic compound which is added to the Polyurethane and attracts air borne moisture to create a continuous circuit that removes static build up as product moves through the duct. PolyFlex Heavy does not lose its antistatic properties as it wears and the helix does not require grounding.

Applications
Suction of abrasive materials and transport of granules

Properties
-Antistatic (R ≤ 10^8 Ohm)* conform TRBS 2153
-Solid construction, smooth bore
-Good oil resistance
-Excellent abrasion resistance

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