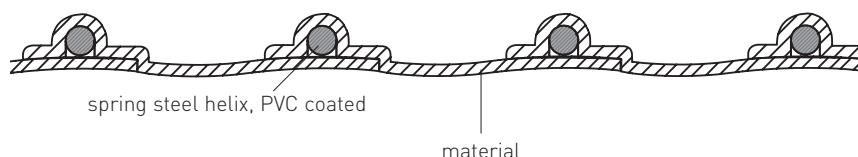




## PolyFlex Heavy

Heavy weight and flexible Polyurethane ducting



### 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 @ <math>10^8</math> ohms
- solid construction
- good oil resistance
- excellent abrasion resistance
- smooth bore

## Technical Data

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

PRODUCT CODE	Wire mm	Weight kg/m	Bend Rad mm	Max work Pressure bar	Max Vacuum bar
POLYFLEXHVY032	1.0 / 1.5	0.250	45	2.10	0.50
POLYFLEXHVY040	1.5 / 1.9	0.350	60	2.00	0.45
POLYFLEXHVY052	1.5 / 1.9	0.440	75	1.80	0.40
POLYFLEXHVY063	1.5 / 1.9	0.525	90	1.60	0.35
POLYFLEXHVY076	1.5 / 1.9	0.612	105	1.50	0.35
POLYFLEXHVY082	1.5 / 1.9	0.670	120	1.20	0.30
POLYFLEXHVY102	1.8 / 2.2	1.020	150	1.00	0.30
POLYFLEXHVY115	1.8 / 2.2	1.150	180	0.08	0.25
POLYFLEXHVY120	1.8 / 2.2	1.220	180	0.80	0.25
POLYFLEXHVY127	1.8 / 2.2	1.280	185	0.75	0.25
POLYFLEXHVY140	1.8 / 2.2	1.400	210	0.60	0.20
POLYFLEXHVY152	1.8 / 2.2	1.460	225	0.50	0.20
POLYFLEXHVY160	1.8 / 2.2	1.550	235	0.50	0.20
POLYFLEXHVY180	1.8 / 2.2	1.697	260	0.45	0.15
POLYFLEXHVY203	1.8 / 2.2	1.940	300	0.35	0.12
POLYFLEXHVY229	1.8 / 2.2	2.550	338	0.30	0.11
POLYFLEXHVY254	3.0 / 3.5	3.150	375	0.25	0.10
POLYFLEXHVY275	3.0 / 3.5	3.465	413	0.23	0.10
POLYFLEXHVY305	3.0 / 3.5	3.780	450	0.20	0.09
POLYFLEXHVY356	3.0 / 3.5	4.410	525	0.15	0.09
POLYFLEXHVY406	3.0 / 3.5	5.050	600	0.10	0.08
POLYFLEXHVY450	3.0 / 3.5	6.710	675	0.08	0.06
POLYFLEXHVY457	3.0 / 3.5	6.710	675	0.08	0.06