**Material**

Polyester-polyurethane

**Wall Thickness**25mm to 99mm = 0.5mm  
100mm to 500mm = 0.6mm**Colour**

Clear

**Single Length**

10m rolls / cut lengths to order

**Temperature Resistance**

- 40° up to + 100° C

**Superior Technology**

PolyFlex 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 does not lose its antistatic properties as it wears and the helix does not require grounding.

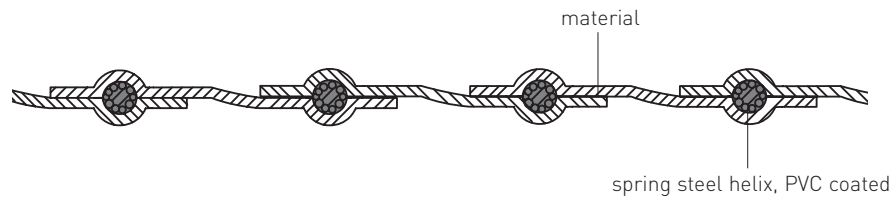
**Applications**

Suction of air, dusts, oil and petrol fumes

**Properties**

- antistatic @ <math>10^8</math> ohms
- excellent flexibility
- good abrasion resistance
- good compressibility
- excellent resistance to oil and petrol fumes

## PolyFlex

*Medium weight and very flexible polyurethane ducting*

### 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
POLYFLEX020	1.0 / 1.5	0.110	20	1.80	0.45
POLYFLEX025	1.0 / 1.5	0.160	25	1.65	0.40
POLYFLEX032	1.0 / 1.5	0.180	30	1.50	0.35
POLYFLEX040	1.0 / 1.5	0.220	40	1.40	0.30
POLYFLEX045	1.0 / 1.5	0.245	45	1.35	0.29
POLYFLEX052	1.0 / 1.5	0.270	50	1.30	0.28
POLYFLEX060	1.5 / 1.9	0.470	60	1.10	0.25
POLYFLEX063	1.5 / 1.9	0.474	63	1.10	0.25
POLYFLEX065	1.5 / 1.9	0.474	63	1.10	0.25
POLYFLEX066	1.5 / 1.9	0.474	63	1.10	0.25
POLYFLEX070	1.5 / 1.9	0.530	70	0.90	0.22
POLYFLEX076	1.5 / 1.9	0.590	75	0.80	0.20
POLYFLEX082	1.5 / 1.9	0.650	80	0.70	0.18
POLYFLEX090	1.5 / 1.9	0.720	90	0.65	0.165
POLYFLEX102	1.8 / 2.2	0.790	100	0.60	0.15
POLYFLEX120	1.8 / 2.2	0.850	120	0.50	0.15
POLYFLEX127	1.8 / 2.2	0.980	125	0.40	0.12
POLYFLEX140	1.8 / 2.2	1.050	140	0.30	0.12
POLYFLEX152	1.8 / 2.2	1.180	150	0.25	0.10
POLYFLEX160	1.8 / 2.2	1.272	160	0.25	0.10
POLYFLEX170	1.8 / 2.2	1.364	170	0.25	0.10
POLYFLEX180	1.8 / 2.2	1.456	180	0.25	0.10
POLYFLEX203	2.0 / 2.5	1.670	200	0.20	0.09
POLYFLEX229	2.0 / 2.5	1.880	225	0.20	0.09
POLYFLEX254	2.0 / 2.5	2.050	250	0.15	0.06
POLYFLEX279	2.0 / 2.5	2.250	275	0.13	0.06
POLYFLEX305	2.2 / 2.7	2.450	300	0.12	0.06
POLYFLEX330	2.2 / 2.7	2.650	325	0.11	0.05
POLYFLEX356	2.2 / 2.7	2.850	350	0.10	0.04
POLYFLEX406	2.2 / 2.7	3.250	400	0.08	0.02