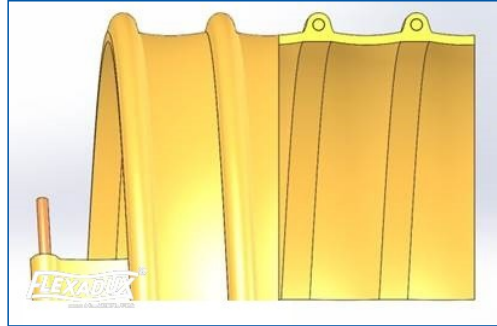




# SMARTFLEX® 2.0

**Very heavy duty Polyurethane ducting, flame retardant**



**Material:**

Polyether-Polyurethane, clear



**Single Length:**

10 and 15 m

**Temperature Resistance:**

- 40° up to + 100° C

**Applications:**

Suction of abrasive particles, e.g. wooden splinters and chips in woodworking industries

**Properties:**

Flame retardant according to DIN 4102 B 1, excellent abrasion resistance, good oil and petrol resistance, resistant to hydrolysis and microbes, permanently antistatic ( $R \leq 10^8$  Ohm), conform to TRGS 727 and ATEX 2014/34/EU, good flexibility even at low temperatures, very smooth bore, electrically conductive according to BGI 739 by grounding the wire

## TECHNICAL DATA

Dia. (mm)	Weight (kg/m)	Wall Thickness (mm)	Bending radius (mm)	Max. Work. Press. (bar)	Max. Vacuum (bar)
80	2,00	2,0	250	2,20	1,00
90	2,20	2,0	300	2,10	1,00
100	2,40	2,0	400	2,00	1,00
110	2,60	2,0	500	1,85	1,00
120	2,80	2,0	600	1,70	1,00
130	3,35	2,0	650	1,54	0,95
140	3,20	2,0	700	1,60	0,95
150	3,40	2,0	800	1,50	0,91
160	3,60	2,0	850	1,45	0,90
170	3,80	2,0	900	1,35	0,88
180	4,00	2,0	1000	1,30	0,85
190	4,50	2,0	1100	1,20	0,75
200	4,70	2,0	1200	1,15	0,80
210	4,80	2,0	1300	1,10	0,80
220	4,90	2,0	1400	1,00	0,75
230	5,20	2,0	1500	0,90	0,72
240	5,40	2,0	1550	0,80	0,80
250	5,60	2,0	1600	0,70	0,55

Further diameters available upon request!

Technical data are based on + 23° C.

