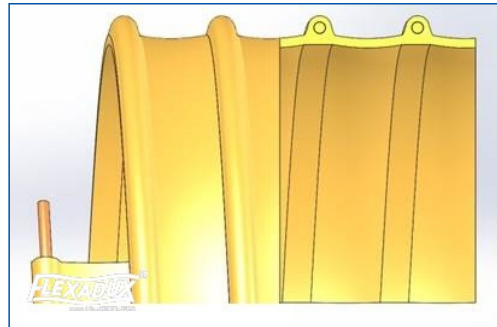




SMARTFLEX® 1.0

**Medium weight and flexible
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, very 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)
13	0,07	1,00	17	1,60	0,80
16	0,10	1,00	21	1,60	0,80
20	0,13	1,00	26	1,50	0,70
25	0,19	1,00	33	1,45	0,55
30	0,25	1,00	39	1,45	0,55
35	0,30	1,00	46	1,25	0,45
38	0,33	1,00	49	1,25	0,45
40	0,35	1,00	52	1,25	0,45
50	0,41	1,00	65	1,20	0,40
60	0,47	1,00	78	1,15	0,35
75	0,61	1,00	98	1,05	0,30
80	0,65	1,00	104	1,05	0,25
90	0,80	1,00	117	0,85	0,25
100	0,95	1,00	130	0,70	0,23
110	1,02	1,00	143	0,65	0,20
120	1,08	1,00	156	0,65	0,20
125	1,13	1,00	163	0,55	0,20
140	1,18	1,00	182	0,55	0,15
150	1,25	1,00	195	0,45	0,15
160	1,34	1,00	208	0,40	0,15
180	1,68	1,00	234	0,35	0,12
200	1,87	1,00	260	0,30	0,10
225	2,11	1,00	293	0,25	0,09
250	2,35	1,00	325	0,25	0,09
300	3,08	1,00	390	0,20	0,07
350	3,75	1,00	455	0,18	0,06
400	4,24	1,00	520	0,15	0,06
450	5,42	1,00	585	0,15	0,06
500	6,02	1,00	650	0,15	0,06

Further diameters available upon request!

Technical data are based on + 23° C.



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