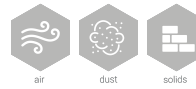
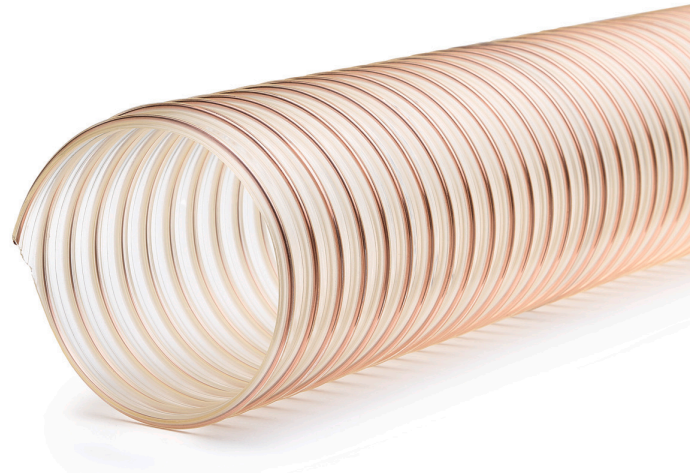


# SMARTFLEX® 0.6

Light weight and flexible Polyurethane hose, flame retardant

- Applications** wood dust extraction, dust extraction, grass extraction, leaf extraction, furniture production
- Structure** TPU / Polyether-Polyurethane, uncolored, steel wire / spring steel wire / not coated / copper plated
- Temperature** -40°C up to 100°C, short term up to 125°C
- Properties** flame-retardant, permanently antistatic ( $R < 10^9$  Ohm), hydrolysis- & microbe resistance, very good flexibility, good oil & petrol resistance
- Norms** flame-retardant according to DIN 4102 / B1, TRBS 2153/ TRGS 727, ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22), discharge capability according to BGI 739-2 with spiral earthing



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
20	0,50	12	1,80	0,45	0,13	13500020
25	0,50	15	1,70	0,45	0,16	13500025
30	0,50	18	1,50	0,35	0,23	13500030
32	0,50	19	1,60	0,42	0,24	13500032
40	0,50	24	1,40	0,30	0,28	13500040
50	0,50	30	1,30	0,26	0,33	13500050
60	0,60	36	1,10	0,25	0,47	13500060
65	0,60	38	1,00	0,23	0,60	13500065
75	0,60	45	0,80	0,20	0,58	13500075
80	0,60	48	0,70	0,18	0,61	13500080
90	0,60	54	0,70	0,16	0,61	13500090
100	0,60	60	0,60	0,15	0,57	13500100
110	0,60	66	0,50	0,14	0,62	13500110
120	0,60	72	0,45	0,14	0,68	13500120
125	0,60	75	0,40	0,12	0,71	13500125
140	0,60	84	0,30	0,12	0,79	13500140
150	0,60	90	0,25	0,10	0,85	13500150
160	0,60	96	0,22	0,10	1,03	13500160
180	0,60	108	0,20	0,10	1,15	13500180
200	0,60	120	0,20	0,09	1,28	13500200
225	0,60	135	0,15	0,08	1,44	13500225

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
250	0,60	150	0,15	0,06	1,85	13500250
300	0,60	180	0,12	0,06	2,22	13500300
350	0,60	210	0,10	0,04	2,58	13500350
400	0,60	240	0,08	0,02	2,95	13500400
450	0,60	270	0,04	0,01	3,31	13500450
500	0,60	300	0,02	0,01	3,68	13500500