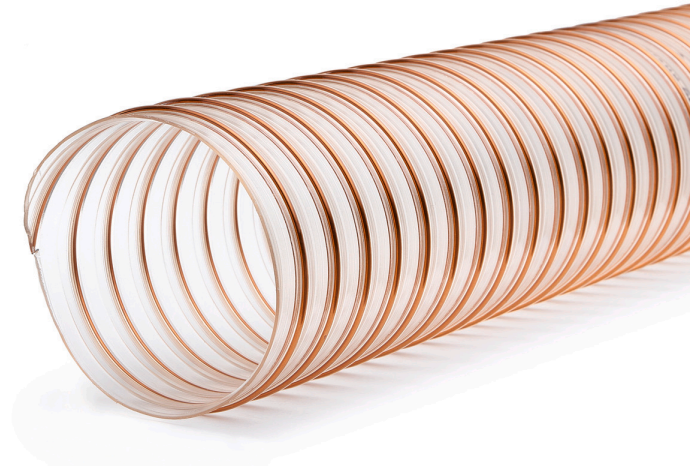


# SMARTFLEX® 0.7

Medium weight and flexible spiral hose made of Polyurethane, flame retardant

- Applications** wood dust extraction, sawing & milling, grass extraction, leaf extraction, conveying of abrasive media
- 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, 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, DIN 26057-2



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
40	0,70	28	1,35	0,32	0,31	08700040
50	0,70	35	1,18	0,27	0,39	08700050
60	0,70	42	1,18	0,27	0,46	08700060
65	0,70	48	1,05	0,25	0,50	08700065
76	0,70	53	0,90	0,23	0,58	08700076
80	0,70	56	0,86	0,21	0,61	08700080
100	0,70	70	0,64	0,19	0,76	08700100
102	0,70	71	0,64	0,19	0,77	08700102
120	0,70	84	0,54	0,16	0,89	08700120
125	0,70	88	0,50	0,15	0,93	08700125
140	0,70	98	0,43	0,11	1,04	08700140
150	0,70	105	0,41	0,11	1,11	08700150
160	0,70	112	0,37	0,11	1,19	08700160
180	0,70	126	0,32	0,11	1,60	08700180
200	0,70	140	0,27	0,10	1,77	08700200
225	0,70	158	0,21	0,08	1,99	08700225
250	0,70	175	0,21	0,06	2,21	08700250
300	0,70	210	0,16	0,06	2,65	08700300
350	0,70	245	0,11	0,05	3,32	08700350
400	0,70	280	0,09	0,01	3,79	08700400
450	0,70	315	0,07	0,01	4,26	08700450

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
500	0,70	350	0,05	0,01	4,73	08700500