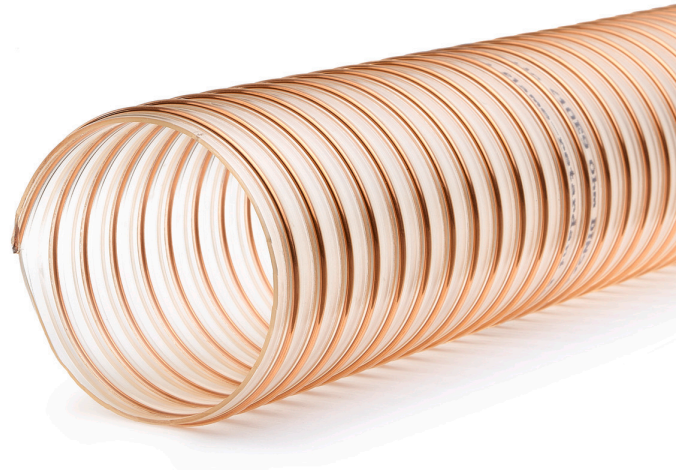


SMARTFLEX® 1.4

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, very smooth inside, corrugated outside
- 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 26057-3



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
25	1,40	25	3,75	0,90	0,24	08800025
32	1,40	32	3,56	0,86	0,41	08800032
38	1,40	38	2,88	0,70	0,47	08800038
40	1,40	40	2,88	0,70	0,49	08800040
50	1,40	50	2,38	0,60	0,64	08800050
60	1,40	60	2,25	0,55	0,77	08800060
65	1,40	65	2,15	0,55	0,83	08800065
70	1,40	70	2,00	0,55	0,89	08800070
76	1,40	76	1,75	0,50	0,96	08800076
80	1,40	80	1,50	0,45	1,01	08800080
90	1,40	90	1,35	0,40	1,13	08800090
100	1,40	100	1,21	0,40	1,35	08800100
120	1,40	120	0,99	0,30	1,61	08800120
127	1,40	127	0,88	0,25	1,70	08800127
140	1,40	140	0,77	0,20	1,87	08800140
150	1,40	150	0,77	0,20	2,00	08800150
160	1,40	160	0,66	0,20	2,13	08800160
180	1,40	180	0,55	0,15	2,90	08800180
200	1,40	200	0,55	0,15	2,80	08800200
225	1,40	225	0,44	0,10	3,13	08800225
250	1,40	250	0,38	0,10	3,47	08800250

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
300	1,40	300	0,38	0,10	4,15	08800300
350	1,40	350	0,31	0,09	4,61	08800350
400	1,40	400	0,25	0,09	6,08	08800400
450	1,40	450	0,13	0,08	6,83	08800450