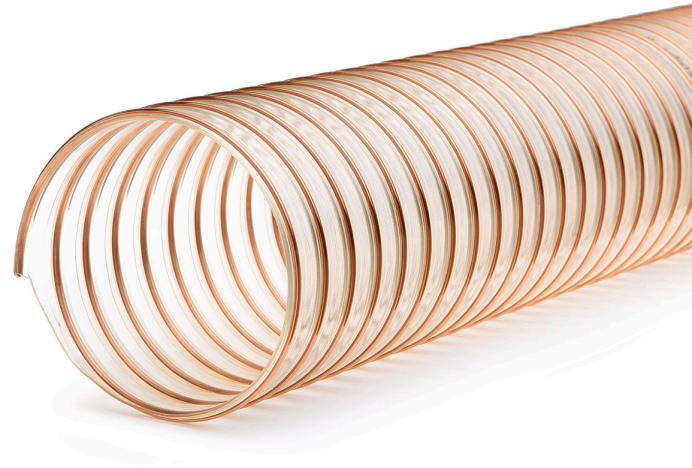


SMARTFLEX® 1.0

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



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
13	1,00	11	2,16	0,80	0,14	08400013
16	1,00	14	2,16	0,80	0,17	08400016
20	1,00	17	2,03	0,70	0,20	08400020
25	1,00	21	1,96	0,55	0,34	08400025
30	1,00	26	1,96	0,55	0,34	08400030
35	1,00	30	1,69	0,45	0,37	08400035
38	1,00	32	1,69	0,45	0,34	08400038
40	1,00	34	1,69	0,45	0,34	08400040
50	1,00	43	1,32	0,40	0,42	08400050
60	1,00	51	1,27	0,35	0,50	08400060
75	1,00	64	1,16	0,30	0,62	08400075
80	1,00	68	1,05	0,25	0,74	08400080
90	1,00	77	0,85	0,25	0,83	08400090
100	1,00	85	0,70	0,23	0,92	08400100
110	1,00	94	0,65	0,20	1,01	08400110
120	1,00	102	0,65	0,20	1,00	08400120
125	1,00	106	0,55	0,20	1,04	08400125
140	1,00	119	0,55	0,15	1,17	08400140
150	1,00	128	0,45	0,15	1,25	08400150
160	1,00	136	0,40	0,15	1,33	08400160
180	1,00	153	0,35	0,12	1,49	08400180

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
200	1,00	170	0,30	0,11	2,02	08400200
225	1,00	191	0,25	0,09	2,28	08400225
250	1,00	213	0,25	0,08	2,53	08400250
300	1,00	255	0,20	0,07	3,03	08400300
350	1,00	298	0,18	0,06	4,03	08400350
400	1,00	340	0,14	0,06	4,60	08400400