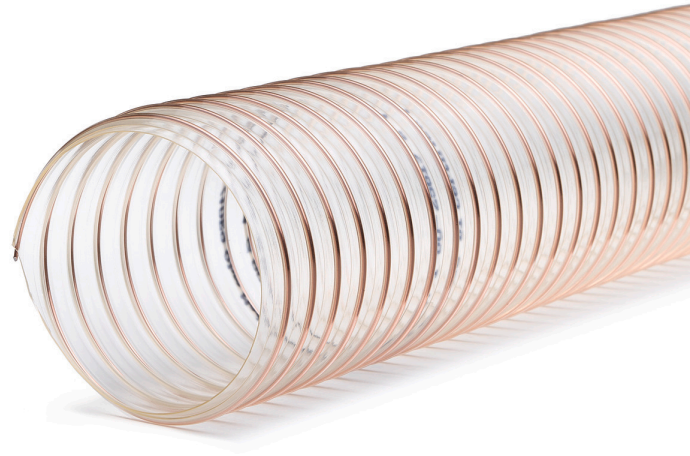


SMARTFLEX® 0.4

Light weight and very 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, excellent flexibility, good oil & petrol resistance
- Norms** flame-retardant according to DIN 4102 / B1, ATEX 2014/34/ EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22), TRBS 2153/TRGS 727, discharge capability according to BGI 739-2 with spiral earthing, DIN 26057-1



Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
25	0,40	15	0,65	0,30	0,14	24300025
30	0,40	18	0,60	0,30	0,16	24300030
40	0,40	24	0,50	0,25	0,21	24300040
51	0,40	31	0,40	0,20	0,26	24300051
60	0,40	36	0,40	0,16	0,30	24300060
75	0,40	45	0,30	0,12	0,37	24300075
80	0,40	48	0,28	0,10	0,36	24300080
100	0,40	60	0,20	0,09	0,46	24300100
110	0,40	66	0,20	0,08	0,51	24300110
120	0,40	72	0,20	0,08	0,48	24300120
125	0,40	75	0,18	0,07	0,57	24300125
140	0,40	84	0,15	0,06	0,55	24300140
150	0,40	90	0,10	0,06	0,69	24300150
160	0,40	96	0,09	0,06	0,73	24300160
180	0,40	108	0,09	0,06	0,82	24300180
200	0,40	120	0,08	0,05	0,98	24300200
215	0,40	129	0,07	0,05	1,05	24300215
225	0,40	135	0,06	0,04	1,10	24300225
250	0,40	150	0,05	0,04	1,22	24300250
300	0,40	180	0,03	0,03	1,46	24300300
400	0,40	240	0,02	0,02	2,23	24300400

Inner Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Working Pressure (bar)	Max. Vacuum (bar)	Weight (kg/m)	Article Number
500	0,40	300	0,01	0,01	2,78	24300500
600	0,40	400	0,01	0,01	2,78	24300600