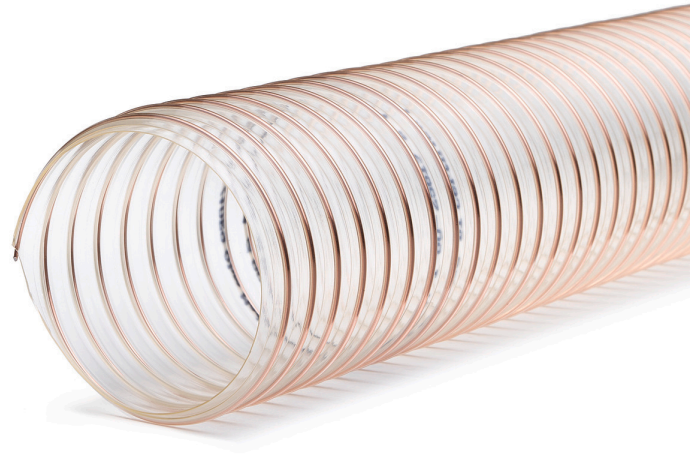


# SMARTFLEX® 0.4

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, clear, 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)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Betriebsdruck Max. (bar)	Vakuum Max. (bar)	Weight (kg/m)	Article Number
25	32	0,40	15	0,65	0,30	0,14	24300025
30	37	0,40	18	0,60	0,30	0,16	24300030
40	47	0,40	24	0,50	0,25	0,21	24300040
51	58	0,40	31	0,40	0,20	0,26	24300051
60	67	0,40	36	0,40	0,16	0,30	24300060
75	82	0,40	45	0,30	0,12	0,37	24300075
80	87	0,40	48	0,28	0,10	0,36	24300080
100	117	0,40	60	0,20	0,09	0,46	24300100
110	117	0,40	66	0,20	0,08	0,51	24300110
120	127	0,40	72	0,20	0,08	0,48	24300120
125	132	0,40	75	0,18	0,07	0,57	24300125
140	147	0,40	84	0,15	0,06	0,55	24300140
150	157	0,40	90	0,10	0,06	0,69	24300150
160	167	0,40	96	0,09	0,06	0,73	24300160
180	187	0,40	108	0,09	0,06	0,82	24300180
200	207	0,40	120	0,08	0,05	0,98	24300200
215	223	0,40	129	0,07	0,05	1,05	24300215
225	233	0,40	135	0,06	0,04	1,10	24300225
250	258	0,40	150	0,05	0,04	1,22	24300250
300	308	0,40	180	0,03	0,03	1,46	24300300
400	408	0,40	240	0,02	0,02	2,23	24300400

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Betriebsdruck Max. (bar)	Vakuum Max. (bar)	Weight (kg/m)	Article Number
500	508	0,40	300	0,01	0,01	2,78	24300500
600	609	0,40	400	0,01	0,01	2,78	24300600