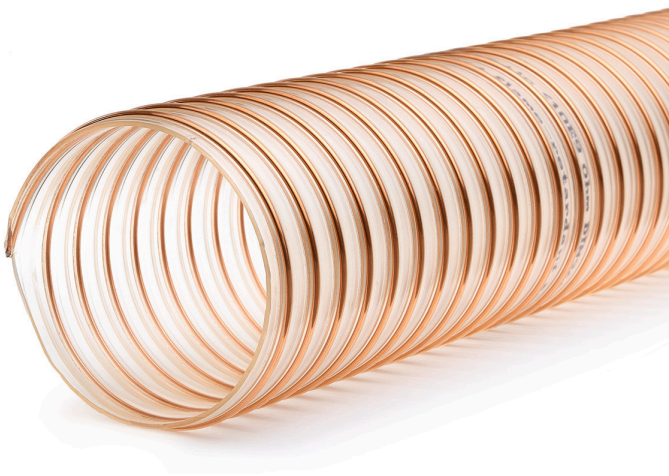
SMARTFLEX® 1.4

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



Applications conveying of abrasive media, granulate conveying, industrial vacuum cleaners, wood dust extraction, conveying technology

Structure Polyether-Polyurethane, transparent, 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 resistant, 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), ATEX 2014/34/EU / conveying of flammable liquids (inside: zone 0, 1, 2) | discharge capability according to BGI 739-2 with spiral earthing | DIN 26057-3





made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Total Weight per Piece (kg)	Length (m)	Article Number
60	69,00	1,40	60	2,25	0,55	11,48	15	100316060015
70	79,00	1,40	70	2,00	0,55	8,87	10	100316070010
100	110,00	1,40	100	1,21	0,40	20,26	15	100316100015
110	120,00	1,40	110	1,15	0,38	15,81	10	100316110010
300	311,00	1,40	300	0,30	0,10	41,54	10	100316300010
400	411,00	1,40	400	0,25	0,09	91,24	15	100316400015
450	461,00	1,40	450	0,13	0,08	68,34	10	100316450010

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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 24.11.2026