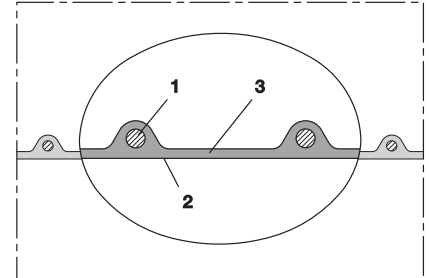
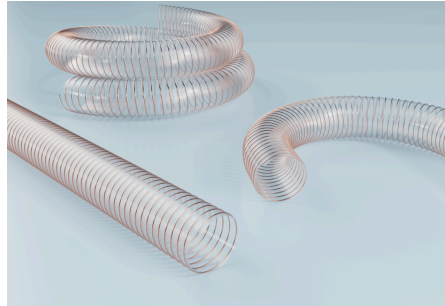
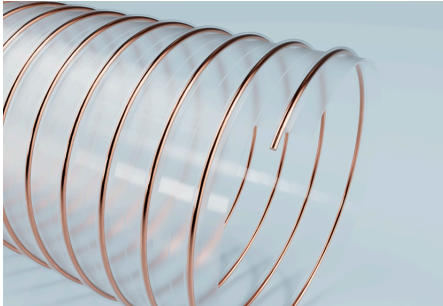


Highly abrasion-resistant suction and pressure hose, food-grade, ideal for conveying food and pharmaceutical products.



Technical specifications

Medium

- Gas, Dust, Solid

Areas of application

Applications

- Extraction units, Air supply hose, Pharmaceutical, Filling systems, Food production & conveying, Food pumps, Dairy products, Milk processing

Industries

- Food industry, Pharmaceutical industry, Extraction and filtration technology industry, Renewable energy industry, Medical technology

Pressure and temperature

Temperature normal range (min/max)

- -40 °C – 90 °C

Short-term temperature peak

- 125 °C

Electrical properties

Electrical contact resistance

- Antistatic <10⁹ Ω

Material and color

Color

- Transparent

Material

- Premium polyether polyurethane (Pre-PUR®)

Material spiral

- Spring steel

Durability and standards

Standards

- manufacturing process acc. GMP EC 2023/2006
- REACH according to --> Technology / Technical Information / REACH
- Food grade wall, complies with: EU-Directive 10/2011, EC 1935/2004 and EU 2015/174, FDA 21 CFR 177.2600
- Permanently antistatic wall according to ISO 8031 electrical and surface resistance < 10⁹ Ω (according to NFPA 652 10⁸-10⁹ Ω)
- according to DIN 26057 Type 2
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside)
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- RoHS

Compatibility

Type of assembly

- Clamp mounting, Assembly with threaded coupling

Inner diameter	Outer diameter	Working pressure according to DIN 26057 (10% elongation)	Working pressure at 50% elongation	Vacuum DIN 26057	Vacuum axially fixed	Total wall thickness	Bending radius	Max. production length	Weight	Length	Spiral pitch	Article Number
[mm]	[mm]	[bar]	[bar]	[bar]	[bar]	[mm]	[mm]	[m]	[kg]	[m]	[mm]	
38	45	1.635	3.64	0.47	1	0.7	31	25	0.29	10	11,5	35000380007
40	47	1.555	3.46	0.47	1	0.7	32	30	0.31	10	11,5	35000400007
50.5	57.5	1.25	2.78	0.38	1	0.7	38	30	0.38	10	11,5	35000500007
64.5	71.5	0.97	2.15	0.29	0.71	0.7	47	30	0.48	10	11,5	35000650007
70	78	0.9	2	0.2325	0.715	0.7	50	30	0.51	–	16	35000700007
75.6	83	0.84	1.87	0.175	0.72	0.7	53	30	0.55	10	16	35000750007
80	88	0.79	1.75	0.16	0.64	0.7	56	30	0.58	10	16	35000800007
101.5	109.5	0.635	1.41	0.135	0.66	0.7	68	25	0.86	10	16	35001000007
120	128	0.53	1.17	0.115	0.46	0.7	80	25	1.01	10	16	35001200007
126.5	134.5	0.51	1.13	0.11	0.42	0.7	83	25	1.06	10	16	35001250007
140	148	0.455	1.01	0.095	0.33	0.7	92	25	1.17	10	16	35001400007
151.5	159.5	0.425	0.94	0.075	0.36	0.7	98	20	1.29	10	19	35001500007
160	168	0.4	0.88	0.07	0.31	0.7	104	20	1.36	10	19	35001600007
180	188	0.355	0.78	0.06	0.24	0.7	116	20	1.53	10	19	35001800007
202.3	210.3	0.32	0.71	0.055	0.19	0.7	128	15	1.71	10	19	35002000007