



Antistatic food hose and pharmaceutical hose, medium-heavy duty

**Applications**

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- food industry, pharmaceutical industry: food, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- explosion hazard area
- clean room ventilation, semiconductor production machine
- paper mill, paper and pulp industry: waste water, air extraction
- medical equipment/ medical technology, health-care sector: cable protection conduit, air supply hose, extraction hose
- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector

**Properties**

- medium-heavy duty
- highly abrasion resistant
- Food grade wall, complies with: EU-Directive 10/2011 and EC 1935/2004, incl. the latest EU-Directive 2015/174, FDA 21 CFR 177.2600
- odorless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline, and chemicals
- very good low temperature flexibility
- permanently antistatic wall: in accordance with ISO 8031 electrical and surface resistance  $<10^9 \Omega$  and in accordance with TRGS 727  $<2,5 * 10^6 \Omega$
- 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), aspiration of combustible dusts (Zone 22 inside), 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)
- according to DIN 26057 Type 2

- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline

**Temperature range**

- 40°F to 195°F
- short time to 255°F

**Design, material**

- spring steel wire firmly embedded in the wall
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0.03 inch approximate

**Delivery variants**

- further diameters and lengths available on request
- transparent (standard)
- customer-specific branding

I.D. in / mm	O.D. in	Pressure DIN 26057 (50% Elongation) psi	Vacuum DIN 26057 (axially fixed) inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Further production lengths ft
<b>standard</b>							
1 / 25	1.25	35.45 (78.95)	22.30 (29.53)	0.89	0.130	25 50	-
- / 30	1.46	29.80 (66.30)	18.60 (29.53)	1.02	0.170	-	25 50
1.25 / 32	1.54	28.00 (62.30)	17.42 (29.53)	1.06	0.180	-	25 50
1.36 / 35	1.65	25.65 (57.15)	15.95 (29.53)	1.12	0.195	-	25 50
1.5 / 38	1.75	23.70 (52.70)	14.62 (29.53)	1.22	0.210	25 50	-
- / 40	1.85	22.55 (50.20)	13.88 (29.53)	1.25	0.220	-	25 50
1.75 / 44-45	2.05	20.15 (44.75)	12.40 (29.53)	1.36	0.250	-	25 50
2 / 50-51	2.24	18.15 (40.30)	11.22 (29.53)	1.50	0.270	25 50	-
- / 55	2.44	16.55 (36.75)	10.19 (29.38)	1.59	0.295	-	25 50
2.36 / 60	2.64	15.25 (33.70)	9.30 (24.66)	1.73	0.325	-	25 50
2.5 / 63-65	2.76	14.05 (31.20)	8.56 (21.11)	1.83	0.350	25 50	-
- / 70	3.03	13.05 (29.00)	5.46 (24.51)	1.97	0.375	-	25 50
3 / 75-76	3.20	12.20 (27.10)	5.17 (21.41)	2.07	0.395	25 50	-
- / 80	3.43	11.45 (25.45)	4.72 (18.90)	2.20	0.430	-	25 50
3.5 / 89-90	3.82	10.25 (22.65)	4.28 (15.06)	2.44	0.485	25 50	-
4 / 100-102	4.21	9.20 (20.40)	3.99 (19.49)	2.68	0.540	25 50	-
- / 110	4.61	8.35 (18.55)	3.69 (16.09)	2.91	0.585	-	25 50
4.5 / 114-115	4.80	8.00 (17.75)	3.54 (14.76)	3.01	0.605	25 50	-
4.72 / 120	5.00	7.70 (17.05)	3.40 (13.44)	3.15	0.640	-	25 50
5 / 125-127	5.20	7.40 (16.30)	3.25 (12.40)	3.25	0.660	25 50	-
- / 130	5.39	7.10 (15.75)	3.10 (11.52)	3.39	0.680	-	25 50

# FT030A-FOOD



I.D.	O.D.	Pressure DIN 26057 (50% Elongation)	Vacuum DIN 26057 (axially fixed)	Bending Radius	Weight	Stock length	Further production lengths
in / mm	in	psi	inHG	in	lbs./ft	ft	ft
5.5 / 140	5.79	6.60 (14.60)	2.81 (9.89)	3.62	0.730	<b>25 50</b>	
6 / 150-152	6.18	6.15 (13.65)	2.21 (10.63)	3.86	0.940	<b>25 50</b>	
6.3 / 160	6.57	5.80 (12.75)	2.07 (9.30)	4.09	1.010	-	25 50
- / 170	6.97	5.45 (12.05)	1.92 (8.12)	4.25	1.060	-	25 50
- / 175	7.17	5.30 (11.70)	1.92 (7.68)	4.43	1.095	-	25 50
7 / 178-180	7.36	5.15 (11.40)	1.77 (7.23)	4.57	1.120	<b>25 50</b>	
8 / 200-203	8.15	4.65 (10.25)	1.62 (5.76)	5.04	1.250	<b>25 50</b>	
- / 225	9.13	4.15 (9.15)	1.48 (4.43)	5.61	1.400	-	25
- / 250	10.12	3.70 (8.20)	1.33 (3.40)	6.22	1.550	-	25
10 / 254	10.28	3.65 (8.05)	1.33 (3.25)	6.30	1.580	<b>25 50</b>	-
- / 275	11.10	3.35 (7.45)	1.18 (2.81)	6.79	1.705	-	25
11 / 280	11.30	3.35 (7.30)	1.18 (2.66)	6.93	1.740	<b>25</b>	-
- / 300	12.09	3.10 (6.80)	1.03 (2.21)	7.40	1.860	-	25
12 / 305	12.28	3.05 (6.75)	1.03 (2.21)	7.50	1.890	<b>25</b>	-
- / 350	14.06	2.70 (5.85)	0.89 (1.62)	8.58	2.165	-	25
14 / 356	14.29	2.60 (5.80)	0.89 (1.77)	8.74	2.245	<b>25</b>	-
- / 400	16.02	2.30 (5.15)	0.89 (1.33)	9.76	2.800	-	25
- / 450	18.00	2.05 (4.55)	0.74 (1.03)	11.06	3.150	-	25
- / 500	19.96	1.90 (4.15)	0.74 (0.89)	12.32	3.495	-	25

