



Screening machine hose and compensator, vibration resistant

Application

- food industry, pharmaceutical industry: foodstuff, 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
- bellows, compensators
- screening machine/ sifting machine, vibration screening machine, tumbler screening machine, plansifter, windsifter

Properties

- highly flexible
- abrasion-resistant
- vibration 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

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- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to NFPA 652 $10^8-10^9 \Omega$)
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

- short time to 125°C

Design

- patented PROTAPE® tape hose
- wall interior and exterior smooth
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 1,0 mm approx.
- grounding wire

Delivery variants

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

Temperature Range

- -40°C to 90°C

I.D.	outer Ø	Pressure	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(kg/m)	(m)	
2 / 50-51	55.00	0,580	0.31	2	335-0050-0000
2,36 / 60	65.00	0,560	0.37	2	335-0060-0000
- / 80	85.00	0,510	0.47	2.5 5	335-0080-0000
- / 85	90.00	0,480	0.50	2.5 5	335-0085-0000
4 / 100-102	105.00	0,410	0.59	2.5 5	335-0100-0000
- / 110	115.00	0,375	0.65	2.5 5	335-0110-0000
4,5 / 114-115	120.00	0,355	0.67	2.5 5	335-0115-0000
4,72 / 120	125.00	0,340	0.70	2.5 5	335-0120-0000
5 / 125-127	130.00	0,330	0.73	2.5 5	335-0125-0000
6 / 150-152	155.00	0,275	0.88	2.5 5	335-0150-0000
- / 155	160.00	0,265	0.90	2.5 5	335-0155-0000
6,3 / 160	165.00	0,255	0.93	2.5 5	335-0160-0000
6,5 / 165	170.00	0,250	0.96	2.5 5	335-0165-0000
7 / 178-180	185.00	0,230	1.05	2.5 5	335-0180-0000
8 / 200-203	205.00	0,205	1.14	2.5 5	335-0200-0000
- / 205	210.00	0,200	1.19	2.5 5	335-0205-0000
- / 220	225.00	0,185	1.28	2.5 5	335-0220-0000
- / 250	255.00	0,165	1.45	2.5 5	335-0250-0000



I.D.	outer Ø	Pressure	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(kg/m)	(m)	
- / 275	280.00	0,150	1.59	2.5 5	335-0275-0000
12 / 305	310.00	0,135	1.77	2.5 5	335-0305-0000
- / 350	355.00	0,115	2.03	2.5 5	335-0350-0000
16 / 405-406	410.00	0,105	2.34	2.5 5	335-0405-0000

Accessories



CONNECT 270-271



CLAMP 208



CLAMP 211



CONNECT 228