



Screening machine hose and compensator, vibration resistant

Application

- 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
- 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

- odorless 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 <math><10^9 \Omega</math> (according to NFPA 652 $10^8</math>- $10^9 \Omega</math>)$$
- 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

Temperature range

- -40°F to 195°F
- short time to 255°F

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Design

- patented PROTAPE® tape hose
- wall interior and exterior smooth
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0.04 approx.
- grounding wire

Delivery variants

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

I.D.	outer Ø	Pressure	Weight	Dimensions in Stock	Order No.	Production lengths
(in / mm)	(in)	(psi)	(lb/ft)	(ft)		(ft)
2 / 50-51	2.165	8.412	0.208	2	335-0050-0000	-
2,36 / 60	2.559	8.122	0.249	2	335-0060-0000	-
- / 80	3.346	7.397	0.316	2.5 5	335-0080-0000	8
- / 85	3.543	6.962	0.336	2.5 5	335-0085-0000	8
4 / 100-102	4.134	5.947	0.397	2.5 5	335-0100-0000	8
- / 110	4.528	5.439	0.437	2.5 5	335-0110-0000	8
4,5 / 114-115	4.724	5.149	0.450	2.5 5	335-0115-0000	8 16
4,72 / 120	4.921	4.931	0.470	2.5 5	335-0120-0000	8
5 / 125-127	5.118	4.786	0.491	2.5 5	335-0125-0000	8
6 / 150-152	6.102	3.989	0.591	2.5 5	335-0150-0000	8
- / 155	6.299	3.844	0.605	2.5 5	335-0155-0000	8
6,3 / 160	6.496	3.699	0.625	2.5 5	335-0160-0000	8 16
6,5 / 165	6.693	3.626	0.645	2.5 5	335-0165-0000	8
7 / 178-180	7.283	3.336	0.706	2.5 5	335-0180-0000	8
8 / 200-203	8.071	2.973	0.766	2.5 5	335-0200-0000	8
- / 205	8.268	2.901	0.800	2.5 5	335-0205-0000	8
- / 220	8.858	2.683	0.860	2.5 5	335-0220-0000	8 16
- / 250	10.039	2.393	0.974	2.5 5	335-0250-0000	8
- / 275	11.024	2.176	1.069	2.5 5	335-0275-0000	8
12 / 305	12.205	1.958	1.190	2.5 5	335-0305-0000	8

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 68°F and are approx. data.



I.D.	outer Ø	Pressure	Weight	Dimensions in Stock	Order No.	Production lengths
(in / mm)	(in)	(psi)	(lb/ft)	(ft)		(ft)
- / 350	13.976	1.668	1.364	2.5 5	335-0350-0000	8 16
16 / 405-406	16.142	1.523	1.573	2.5 5	335-0405-0000	8

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 68°F and are approx. data.

Accessories



CLAMP 211



CLAMP 208



CONNECT 270-271



CONNECT 228

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