



Suction hose and pressure hose according to DIN EN 45545-2, medium-heavy

Application

- flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases
- rail vehicle (DIN 5510, DIN EN 45545-2), train, railway, tram, boat, ship/ vessel, yacht: ventilation, heating, roof drainage, sand conveying in rail vehicle braking systems, sanitary installation

Properties

- medium-heavy duty
- highly abrasion resistant
- microbe and hydrolysis resistant
- good resistance to chemicals

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- flame-retardant according to: DIN EN 45545-2; R23 HL1
- tested according to NFPA 130: ASTM E 162 + ASTM E 662 + BSS 7239 + BSS 7242
- tested according to EN45545-2: ISO 5658-2 + ISO 5659-2 662
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 40 °C to 90 °C

Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: special premium polyurethane with flame retardant additive (Pre-PUR®)
- wall thickness 0,9 mm approx.

Delivery variants

- further diameters and lengths available on request

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 20	28.00	2,530	0,485	21.00	0.17	10 15	352-0020-5401
- / 22	30.00	2,315	0,440	22.00	0.18	10 15	352-0022-5401
1 / 25	32.00	2,055	0,385	23.00	0.20	10 15	352-0025-5401
- / 30	38.00	1,735	0,285	27.00	0.26	10 15	352-0030-5401
1,25 / 32	40.00	1,630	0,265	28.00	0.28	10 15	352-0032-5401
1,5 / 38	46.00	1,385	0,225	33.00	0.32	10 15	352-0038-5401
- / 40	48.00	1,320	0,215	34.00	0.34	10 15	352-0040-5401
- / 42	50.00	01,25	0,200	36.00	0.35	10 15	352-0042-5401
1,75 / 44-45	53.00	1,175	0,190	50.00	0.37	10 15	352-0045-5401
2 / 50-51	58.00	1,065	0,170	64.00	0.42	10 15	352-0050-5401
- / 55	63.00	0,970	0,155	68.00	0.45	10 15	352-0055-5401
2,36 / 60	68.00	0,800	0,140	75.00	0.50	10 15	352-0060-5401
2,5 / 63-65	73.00	0,745	0,125	80.00	0.54	10 15	352-0063-5401
- / 70	79.00	0,690	0,085	87.00	0.60	10 15	352-0070-5401
3 / 75-76	84.00	0,645	0,080	92.00	0.64	10 15	352-0075-5401
- / 80	89.00	0,605	0,075	98.00	0.68	10 15	352-0080-5401
3,5 / 89-90	99.00	0,535	0,065	109.00	0.76	10 15	352-0090-5401
4 / 100-102	109.00	0,485	0,065	120.00	0.97	10 15	352-0100-5401
4,72 / 120	129.00	0,405	0,050	142.00	1.16	10 15	352-0120-5401
5 / 125-127	134.00	0,390	0,050	147.00	1.20	10 15	352-0125-5401
6 / 150-152	159.00	0,325	0,045	175.00	1.52	10 15	352-0150-5401
7 / 178-180	189.00	0,270	0,035	208.00	1.81	10 15	352-0180-5401

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through

Accessories



CONNECT 270-271



CLAMP 210 BRIDGE CLAMP



CLAMP 212



CLAMP 208