



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

### Application

- flexible hose/ ducting for high volume 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 °F to 195 °F

### Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: special premium polyurethane with flame retardant additive (Pre-PUR®)
- wall thickness 0.035 in 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)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
- / 20	1.102	36.695	14.322	0.827	0.114	10 15	352-0020-5401
- / 22	1.181	33.577	12.993	0.866	0.121	10 15	352-0022-5401
1 / 25	1.260	29.806	11.369	0.906	0.134	10 15	352-0025-5401
- / 30	1.496	25.164	8.416	1.063	0.175	10 15	352-0030-5401
1,25 / 32	1.575	23.642	7.825	1.102	0.188	10 15	352-0032-5401
1,5 / 38	1.811	20.088	6.644	1.299	0.215	10 15	352-0038-5401
- / 40	1.890	19.145	6.349	1.339	0.228	10 15	352-0040-5401
- / 42	1.969	18.130	5.906	1.417	0.235	10 15	352-0042-5401
1,75 / 44-45	2.087	17.042	5.611	1.969	0.249	10 15	352-0045-5401
2 / 50-51	2.283	15.447	5.020	2.520	0.282	10 15	352-0050-5401
- / 55	2.480	14.069	4.577	2.677	0.302	10 15	352-0055-5401
2,36 / 60	2.677	11.603	4.134	2.953	0.336	10 15	352-0060-5401
2,5 / 63-65	2.874	10.805	3.691	3.150	0.363	10 15	352-0063-5401
- / 70	3.110	10.008	2.510	3.425	0.403	10 15	352-0070-5401
3 / 75-76	3.307	9.355	2.362	3.622	0.430	10 15	352-0075-5401
- / 80	3.504	8.775	2.215	3.858	0.457	10 15	352-0080-5401
3,5 / 89-90	3.898	7.760	1.919	4.291	0.511	10 15	352-0090-5401
4 / 100-102	4.291	7.034	1.919	4.724	0.652	10 15	352-0100-5401
4,72 / 120	5.079	5.874	1.477	5.591	0.780	10 15	352-0120-5401
5 / 125-127	5.276	5.657	1.477	5.787	0.806	10 15	352-0125-5401
6 / 150-152	6.260	4.714	1.329	6.890	1.022	10 15	352-0150-5401
7 / 178-180	7.441	3.916	1.034	8.189	1.216	10 15	352-0180-5401

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at [www.norres.com/us/technology/](http://www.norres.com/us/technology/). NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser

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## Accessories



CLAMP 208



CLAMP 212



CONNECT 270-271



CLAMP 210 BRIDGE CLAMP