



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

## Applications

- 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
- 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
- / 70	79.00	0,690	0,085	87.00	0.60	10 15	352-0070-5401
- / 80	89.00	0,605	0,075	98.00	0.68	10 15	352-0080-5401
4 / 100-102	109.00	0,485	0,065	120.00	0.97	10 15	352-0100-5401
5 / 125-127	134.00	0,390	0,050	147.00	1.20	10 15	352-0125-5401
7 / 178-180	189.00	0,270	0,035	208.00	1.81	10 15	352-0180-5401

## Accessories

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 20 °C and are approx. data. Additional information at [www.norres.com/en/technology/](http://www.norres.com/en/technology/).



CLAMP 208



CLAMP 216



CONNECT 270-271