



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

### Applications

- flexible hose/ ducting for liquids and for 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
- insulating

- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- flame-retardant according to: DIN EN 45545-2; R1 HL1, HL2, HL3; R22 HL1, HL2; R23 HL1, HL2
- 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.
- special thermal insulation layer

### Delivery variants

- further diameters and lengths available on request

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
- / 20	28.50	2,530	0,485	34.00	0.21	5	-	352-0020-5400
1 / 25	33.50	2,055	0,385	44.00	0.27	-	5	352-0025-5400
- / 30	39.50	1,735	0,285	52.00	0.34	5	-	352-0030-5400
1,25 / 32	41.50	1,630	0,265	56.00	0.37	-	5	352-0032-5400
1,5 / 38	47.50	1,385	0,225	64.00	0.42	-	5	352-0038-5400
- / 40	49.50	1,320	0,215	66.00	0.44	5	-	352-0040-5400
50	59.50	1,065	0,170	80.00	0.53	5	-	352-0050-5400
2,36 / 60	69.50	0,800	0,140	90.00	0.64	5	-	352-0060-5400
63	74.50	0,745	0,125	100.00	0.69	-	5	352-0063-5400
65	76.50	0,705	0,115	102.00	0.70	-	5	352-0065-5400
- / 80	90.50	0,605	0,075	116.00	0.87	-	5	352-0080-5400
100	112.50	0,485	0,065	140.00	1.20	-	5	352-0100-5400
180	190.50	0,270	0,035	240.00	2.66	-	5	352-0180-5400

## Accessories



CLAMP 208



CONNECT 270-271



CLAMP 212

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/).