



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

### Applications

- 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
- 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   | 25 50              | 352-0020-5401 |
| - / 22       | 1.181   | 33.577   | 12.993 | 0.866          | 0.121   | 25 50              | 352-0022-5401 |
| 1 / 25       | 1.260   | 29.806   | 11.369 | 0.906          | 0.134   | 25 50              | 352-0025-5401 |
| - / 30       | 1.496   | 25.164   | 8.416  | 1.063          | 0.175   | 25 50              | 352-0030-5401 |
| 1,25 / 32    | 1.575   | 23.642   | 7.825  | 1.102          | 0.188   | 25 50              | 352-0032-5401 |
| 1,5 / 38     | 1.811   | 20.088   | 6.644  | 1.299          | 0.215   | 25 50              | 352-0038-5401 |
| - / 40       | 1.890   | 19.145   | 6.349  | 1.339          | 0.228   | 25 50              | 352-0040-5401 |
| - / 42       | 1.969   | 18.130   | 5.906  | 1.417          | 0.235   | 25 50              | 352-0042-5401 |
| 1,75 / 44-45 | 2.087   | 17.042   | 5.611  | 1.969          | 0.249   | 25 50              | 352-0045-5401 |
| 2 / 50-51    | 2.283   | 15.447   | 5.020  | 2.520          | 0.282   | 25 50              | 352-0050-5401 |
| - / 55       | 2.480   | 14.069   | 4.577  | 2.677          | 0.302   | 25 50              | 352-0055-5401 |
| 2,36 / 60    | 2.677   | 11.603   | 4.134  | 2.953          | 0.336   | 25 50              | 352-0060-5401 |
| - / 70       | 3.110   | 10.008   | 2.510  | 3.425          | 0.403   | 25 50              | 352-0070-5401 |
| - / 80       | 3.504   | 8.775    | 2.215  | 3.858          | 0.457   | 25 50              | 352-0080-5401 |
| 4 / 100-102  | 4.291   | 7.034    | 1.919  | 4.724          | 0.652   | 25 50              | 352-0100-5401 |
| 5 / 125-127  | 5.276   | 5.657    | 1.477  | 5.787          | 0.806   | 25 50              | 352-0125-5401 |
| 7 / 178-180  | 7.441   | 3.916    | 1.034  | 8.189          | 1.216   | 25 50              | 352-0180-5401 |

## Accessories

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 and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.



CLAMP 208



CONNECT 270-271



CLAMP 216