



Suction hose and pressure hose according to UL94-V0, DIN 4102-B1, DIN 5510-2 (S4, SR2, ST2), NF P 92-507 M3, medium-heavy duty

Applications

- flexible hose/ ducting for high volume of abrasive powder, bulk material, granulate and for gases
- rail vehicle (DIN 5510), 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 oil, gasoline, and chemicals

- flame-retardant according to: UL94-V0, DIN4102-B1, DIN 5510-2 (SR2, ST2), FMVSS 302, NF P 92-507 M3
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range

- 40°F to 195°F
- short time to 255°F

Design

- AIRDUC® profile hose

- spring steel wire spiral 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
- transparent (standard)
- special colors: transparent, partially colored, completely colored
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
2 / 50-51	2.283	20.378	8.416	2.520	0.282	25 50	352-0050-0000
2,36 / 60	2.677	17.042	6.940	2.953	0.336	25 50	352-0060-0000
- / 80	3.504	12.909	3.839	3.858	0.457	25 50	352-0080-0000
3,5 / 89-90	3.898	11.458	3.396	4.291	0.511	25 50	352-0090-0000
4 / 100-102	4.291	10.370	3.248	4.724	0.652	25 50	352-0100-0000
4,5 / 114-115	4.882	8.992	2.805	5.354	0.746	25 50	352-0115-0000
4,72 / 120	5.079	8.630	2.658	5.591	0.780	25 50	352-0120-0000
6,3 / 160	6.654	6.527	1.919	7.323	1.082	25 50	352-0160-0000
7 / 178-180	7.441	5.802	1.624	8.189	1.216	25 50	352-0180-0000
8 / 200-203	8.228	5.221	1.477	9.055	1.351	25 50	352-0200-0000
- / 225	9.213	4.641	1.181	10.118	1.452	25 50	352-0225-0000
- / 450	18.071	2.321	0.591	20.000	3.226	25	352-0450-0000

Accessories



CONNECT 270-271



CLAMP 212



CLAMP 208

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/. 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.