

PVC hose, medium-heavy duty

## Application

- flexible hose/ ducting for gases and for dust, powder, fibers
- extraction unit, dust collection systems, filter system, oil mist extraction
- galvanic extraction
- chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
- heating hose: exterior hose as protection hose

## Properties

- medium-heavy duty
- good resistance to alkalis and acids

- good resistance to chemicals
- phthalate-free
- flame-retardant according to: UL94-HB
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

## Temperature range

- 5°F to 160°F
- short time to 175°F

## Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: high grade soft PVC
- wall thickness 0.035 in approx.

## Delivery variants

- further diameters and lengths available on request
- gray (standard)
- special colors: transparent, full colored
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
- / 20	1.063	20.088	14.765	0.669	0.128	10 15	341-0020-0000
1 / 25	1.260	16.317	11.812	0.787	0.155	10 15	341-0025-0000
- / 30	1.496	13.706	8.121	0.906	0.168	10 15	341-0030-0000
1,25 / 32	1.575	12.909	7.678	0.945	0.181	10 15	341-0032-0000
1,36 / 35	1.693	11.821	6.940	1.024	0.202	10 15	341-0035-0000
1,5 / 38	1.811	10.951	6.497	1.063	0.215	10 15	341-0038-0000
- / 40	1.890	10.370	6.054	1.102	0.222	10 15	341-0040-0000
- / 42	1.969	9.790	5.906	1.142	0.235	10 15	341-0042-0000
1,75 / 44-45	2.087	9.283	5.463	1.220	0.249	10 15	341-0045-0000
2 / 50-51	2.283	8.340	4.872	1.299	0.276	10 15	341-0050-0000
- / 55	2.480	7.615	4.430	1.417	0.302	10 15	341-0055-0000
2,36 / 60	2.677	7.034	4.134	1.496	0.329	10 15	341-0060-0000
2,5 / 63-65	2.874	6.454	3.691	1.614	0.349	10 15	341-0065-0000
- / 70	3.110	6.019	3.544	1.732	0.363	10 15	341-0070-0000
3 / 75-76	3.307	5.657	3.248	1.850	0.390	10 15	341-0075-0000
- / 80	3.504	5.294	3.101	1.929	0.410	10 15	341-0080-0000
3,5 / 89-90	3.898	4.714	2.658	2.126	0.470	10 15	341-0090-0000
4 / 100-102	4.291	4.279	1.772	2.323	0.571	10 15 20	341-0100-0000
- / 105	4.488	4.061	1.772	2.441	0.598	10 15	341-0105-0000
- / 110	4.685	3.844	1.624	2.520	0.632	10 15	341-0110-0000
4,5 / 114-115	4.882	3.699	1.477	2.638	0.659	10 15	341-0115-0000
4,72 / 120	5.079	3.553	1.477	2.717	0.685	10 15	341-0120-0000
5 / 125-127	5.276	3.408	1.329	2.835	0.712	10 15	341-0125-0000
- / 130	5.472	3.263	1.329	2.913	0.739	10 15	341-0130-0000
5,5 / 140	5.866	3.046	1.181	3.110	0.793	10 15	341-0140-0000
6 / 150-152	6.260	2.828	1.181	3.307	0.847	10 15	341-0150-0000

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.

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(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
6,3 / 160	6.654	2.683	1.034	3.504	0.907	<b>10 15</b>	341-0160-0000
7 / 178-180	7.441	2.393	0.886	3.898	1.015	<b>10 15</b>	341-0180-0000
8 / 200-203	8.228	2.103	0.886	4.291	1.122	<b>10 15</b>	341-0200-0000
- / 225	9.213	1.886	0.738	4.803	1.519	<b>10</b>	341-0225-0000
- / 250	10.197	1.740	0.591	5.276	1.687	<b>10</b>	341-0250-0000
11 / 280	11.378	1.523	0.591	5.866	1.882	<b>10</b>	341-0280-0000
- / 300	12.165	1.450	0.591	6.260	2.016	<b>10</b>	341-0300-0000
- / 350	14.134	1.450	0.443	7.244	2.352	<b>10</b>	341-0350-0000

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## Accessories



CLAMP 212 EC



CONNECT 240 + 241 AS



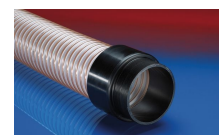
CONNECT 223



CLAMP 213



CONNECT 270-271



CONNECT 242



CONNECT 246 AS



CONNECT 228



CLAMP 212



CLAMP 217



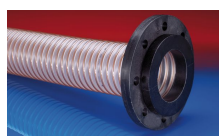
CLAMP 210 BRIDGE CLAMP



CONNECT 245



CONNECT 243



CONNECT 244