

PVC hose, medium-heavy duty

Applications

- 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
- flame-retardant according to: UL94-HB
- phthalate-free
- 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	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
- / 20	1.063	20.088	14.765	0.669	0.128	-	25 50	341-0020-0000
1 / 25	1.260	16.317	11.812	0.787	0.155	25 50	-	341-0025-0000
- / 30	1.496	13.706	8.121	0.906	0.168	-	25 50	341-0030-0000
1,25 / 32	1.575	12.909	7.678	0.945	0.181	-	25 50	341-0032-0000
1,36 / 35	1.693	11.821	6.940	1.024	0.202	-	25 50	341-0035-0000
1,5 / 38	1.811	10.951	6.497	1.063	0.215	25 50	-	341-0038-0000
- / 40	1.890	10.370	6.054	1.102	0.222	-	25 50	341-0040-0000
- / 42	1.969	9.790	5.906	1.142	0.235	-	25 50	341-0042-0000
1,75 / 44-45	2.087	9.283	5.463	1.220	0.249	-	25 50	341-0045-0000
2 / 50-51	2.283	8.340	4.872	1.299	0.276	25 50	-	341-0050-0000
- / 55	2.480	7.615	4.430	1.417	0.302	-	25 50	341-0055-0000
2,36 / 60	2.677	7.034	4.134	1.496	0.329	-	25 50	341-0060-0000
2,5 / 63-65	2.874	6.454	3.691	1.614	0.349	25 50	-	341-0065-0000
- / 70	3.110	6.019	3.544	1.732	0.363	-	25 50	341-0070-0000
3 / 75-76	3.307	5.657	3.248	1.850	0.390	25 50	-	341-0075-0000
- / 80	3.504	5.294	3.101	1.929	0.410	-	25 50	341-0080-0000
3,5 / 89-90	3.898	4.714	2.658	2.126	0.470	25 50	-	341-0090-0000
4 / 100-102	4.291	4.279	1.772	2.323	0.571	25 50	-	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	-	25 50	341-0110-0000
4,5 / 114-115	4.882	3.699	1.477	2.638	0.659	25 50	-	341-0115-0000
4,72 / 120	5.079	3.553	1.477	2.717	0.685	-	25 50	341-0120-0000
5 / 125-127	5.276	3.408	1.329	2.835	0.712	25 50	-	341-0125-0000
- / 130	5.472	3.263	1.329	2.913	0.739	-	25 50	341-0130-0000
5,5 / 140	5.866	3.046	1.181	3.110	0.793	25 50	-	341-0140-0000
6 / 150-152	6.260	2.828	1.181	3.307	0.847	25 50	-	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/. 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.



I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
6,3 / 160	6.654	2.683	1.034	3.504	0.907	-	25 50	341-0160-0000
7 / 178-180	7.441	2.393	0.886	3.898	1.015	25 50	-	341-0180-0000
8 / 200-203	8.228	2.103	0.886	4.291	1.122	25 50	-	341-0200-0000
- / 225	9.213	1.886	0.738	4.803	1.519	-	25	341-0225-0000
- / 250	10.197	1.740	0.591	5.276	1.687	-	25	341-0250-0000
11 / 280	11.378	1.523	0.591	5.866	1.882	25 50	-	341-0280-0000
- / 300	12.165	1.450	0.591	6.260	2.016	-	25	341-0300-0000
- / 350	14.134	1.450	0.443	7.244	2.352	-	25	341-0350-0000

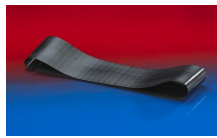
Accessories



CLAMP 210 BRIDGE CLAMP



CLAMP 212 EC CLAMP



CONNECT 228



CLAMP 213



CONNECT 270-271



CONNECT 223



CLAMP 212



CLAMP 217