



PVC hose, light

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
- X-ray machine: cable protection conduit (special type on request)
- heating hose: exterior hose as protection hose

Properties

- light weight
- highly flexible + compressible 3:1

- 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

- patented PROTAPE® tape hose
- spring steel wire integrated in wall
- wall: high grade soft PVC
- wall thickness 0.02 in approx.

Delivery variants

- further diameters and lengths available on request
- gray (standard)
- special colors: transparent, full colored
- customer-specific branding
- ID ≥ 2"/50-51mm compressed packed in poly bag (low transportation cost / risk, minimum storage size), ID < 2"/50-51mm not compressed, wrapped in a coil

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)	
- / 30	1.457	13.489	5.906	0.866	0.161	5 10 15	25 50	310-0030-0000
1,25 / 32	1.535	12.691	5.906	0.906	0.175	5 10 15	25 50	310-0032-0000
1,5 / 38	1.772	10.733	5.463	1.024	0.202	5 10 15	-	310-0038-0000
- / 40	1.850	10.225	5.315	1.063	0.215	5 10 15	25 50	310-0040-0000
2 / 50-51	2.283	5.947	4.577	1.299	0.208	5 10 15	-	310-0050-0000
- / 55	2.480	5.366	4.134	1.417	0.222	5 10 15	-	310-0055-0000
2,36 / 60	2.677	4.931	3.544	1.496	0.242	5 10 15	25 50	310-0060-0000
2,5 / 63-65	2.874	4.569	3.101	1.614	0.262	5 10 15	-	310-0065-0000
- / 70	3.071	4.279	2.658	1.693	0.282	5 10 15	25 50	310-0070-0000
3 / 75-76	3.268	3.989	2.510	1.811	0.302	5 10 15	-	310-0075-0000
- / 80	3.465	3.699	2.215	1.890	0.316	5 10 15	25 50	310-0080-0000
3,5 / 89-90	3.858	3.336	1.919	2.087	0.356	5 10 15	-	310-0090-0000
4 / 100-102	4.252	2.973	1.477	2.283	0.383	5 10 15	-	310-0100-0000
- / 110	4.646	2.683	1.329	2.480	0.417	5 10 15	25 50	310-0110-0000
4,5 / 114-115	4.843	2.611	1.329	2.598	0.437	5 10 15	-	310-0115-0000
4,72 / 120	5.039	2.466	1.329	2.677	0.457	5 10 15	25 50	310-0120-0000
5 / 125-127	5.236	2.393	1.034	2.795	0.477	5 10 15	-	310-0125-0000
- / 130	5.433	2.321	1.034	2.874	0.491	5 10 15	25 50	310-0130-0000
5,5 / 140	5.827	2.103	1.034	3.071	0.531	5 10 15	-	310-0140-0000
6 / 150-152	6.220	1.958	1.034	3.268	0.565	5 10 15	-	310-0150-0000
6,3 / 160	6.614	1.886	0.886	3.465	0.585	5 10 15	25 50	310-0160-0000
7 / 178-180	7.402	1.668	0.738	3.858	0.672	5 10 15	-	310-0180-0000
8 / 200-203	8.189	1.523	0.738	4.252	0.746	5 10	-	310-0200-0000
- / 225	9.173	1.305	0.443	4.764	0.840	5 10	25	310-0225-0000

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)	
- / 250	10.157	1.233	0.295	5.236	0.934	5 10	25	310-0250-0000
- / 300	12.165	1.015	0.295	6.260	1.310	5 10	25	310-0300-0000

Sondertyp DB.P1: größere Steigung, höhere Stauchbarkeit, 0.4mm Wandstärke, weniger Gewicht, Lagerware nur in Italien

- / 30	1.339	12.328	4.134	0.000	0.094	10	5 6 15 20	310-0030-2025
- / 40	1.732	9.355	3.101	0.000	0.121	10	5 6 15 20	310-0040-2025
2 / 50-51	2.126	7.470	2.540	0.000	0.155	10	5 6 15 20	310-0050-2025
2,36 / 60	2.520	6.237	2.126	0.000	0.181	10	5 6 15 20	310-0060-2025
2,5 / 63-65	2.717	5.802	1.919	0.000	0.195	10	5 6 15 20	310-0065-2025
- / 70	2.913	5.366	1.772	0.000	0.215	10	5 6 15 20	310-0070-2025
3 / 75-76	3.110	5.004	1.772	0.000	0.228	10	5 6 15 20	310-0075-2025
- / 80	3.307	4.714	1.624	0.000	0.242	10	5 6 15 20	310-0080-2025
3,5 / 89-90	3.701	4.206	1.477	0.000	0.269	10	5 6 15 20	310-0090-2025
4 / 100-102	4.110	3.771	1.329	0.000	0.255	10	5 6 15 20	310-0100-2025
- / 110	4.504	3.481	1.181	0.000	0.276	10	5 6 15 20	310-0110-2025
4,72 / 120	4.898	3.191	1.034	0.000	0.302	10	5 6 15 20	310-0120-2025
5 / 125-127	5.094	3.191	1.034	0.000	0.316	10	5 6 15 20	310-0125-2025
- / 130	5.291	2.901	0.974	0.000	0.329	10	5 6 15 20	310-0130-2025
5,5 / 140	5.685	2.683	0.886	0.000	0.376	10	5 6 15 20	310-0140-2025
6 / 150-152	6.079	2.538	0.886	0.000	0.376	10	5 6 15 20	310-0150-2025
6,3 / 160	6.472	2.393	0.886	0.000	0.403	10	5 6 15 20	310-0160-2025
7 / 178-180	7.260	2.103	0.738	0.000	0.450	10	5 6 15 20	310-0180-2025
8 / 200-203	8.063	1.886	0.650	0.000	0.484	10	5 6 15	310-0200-2025
- / 225	9.047	1.668	0.561	0.000	0.544	10	5 6 15	310-0225-2025
- / 250	10.031	1.523	0.532	0.000	0.605	10	5 6 15	310-0250-2025
- / 275	11.016	1.378	0.472	0.000	0.605	10	5 6 15	310-0275-2025
- / 300	12.000	1.305	0.443	0.000	0.726	10	5 6 15	310-0300-2025
- / 350	13.984	1.088	0.354	0.000	0.914	10	5 6	310-0350-2025
- / 400	15.969	0.943	0.325	0.000	1.008	-	5 6	310-0400-2025
- / 450	17.937	0.870	0.295	0.000	1.223	-	5 6	310-0450-2025
- / 500	19.906	0.725	0.266	0.000	1.358	-	5 6	310-0500-2025

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.

Accessories



CLAMP 212



CONNECT 228



CLAMP 217



CLAMP 213



CLAMP 210 BRIDGE



CONNECT 270-271



CONNECT 223

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.