



Food hose and pharmaceutical hose, light weight

Application

- flexible hose/ ducting for liquids and for powder, bulk material, granulate and for gases
- food industry, pharmaceutical industry: food, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- pelletizing machines/ tablet presses
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- X-ray machine: cable protection conduit (special type on request)
- medical equipment/ medical technology, healthcare sector: cable protection conduit, air supply hose, extraction hose

Properties

- light weight

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- abrasion-resistant
- Food grade wall, complies with: EU-Directive 10/2011 and EC 1935/2004 and the latest EU-Directive 2015/174
- food grade wall, complies with: FDA 21 CFR 177.2600
- odorless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline, and chemicals
- phthalate-free
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range

- 5°F to 160°F
- short time to 175°F

Design

- NORPLAST® full plastic hose
- hard plastic spiral integrated in wall
- spiral: rigid PVC
- smooth interior
- wall: special premium ether-polyurethane (Pre-PUR®)

Delivery variants

- further diameters and lengths available on request
- 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	1.024	14.504	7.383	0.591	0.094	10 20	-	385-0020-1001
1 / 25	1.220	14.504	7.383	0.689	0.114	10 20	-	385-0025-1001
- / 30	1.417	13.054	7.383	0.787	0.134	10 20	-	385-0030-1001
1,25 / 32	1.496	12.328	5.906	0.748	0.128	10 20	-	385-0032-1001
1,36 / 35	1.614	11.603	5.906	1.083	0.141	10 20	-	385-0035-1001
- / 38	1.772	10.878	5.906	1.220	0.195	10 20	-	385-0038-1001
- / 40	1.850	10.878	5.906	1.575	0.202	10 20	-	385-0040-1001
1,75 / 44-45	2.047	9.428	5.906	1.673	0.208	10 20	-	385-0045-1001
2 / 50-51	2.283	7.252	5.906	1.772	0.269	10 20	-	385-0050-1001
2,36 / 60	2.677	7.252	4.725	1.969	0.296	10 20	-	385-0060-1001
2,5 / 63-65	2.795	6.527	4.725	1.909	0.329	10 20	-	385-0063-1001
- / 70	3.110	5.802	4.725	2.362	0.390	10 20	-	385-0070-1001
3 / 75-76	3.307	5.439	4.725	2.559	0.349	10 20	-	385-0075-1001
- / 80	3.504	5.076	4.725	2.756	0.397	10 20	-	385-0080-1001
3,5 / 89-90	3.937	4.351	4.134	3.150	0.578	10 20	-	385-0090-1001
4 / 100-102	4.331	4.061	3.839	3.543	0.612	10 20	-	385-0100-1001
- / 110	4.764	3.626	3.544	3.740	0.692	-	20	385-0110-1001
4,72 / 120	5.157	3.626	2.953	3.937	0.753	-	20	385-0120-1001

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.

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(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
5 / 125-127	5.354	3.626	2.953	4.232	0.793	-	20	385-0125-1001
- / 130	5.551	2.901	2.658	4.134	0.793	-	20	385-0130-1001
5,5 / 140	5.984	2.901	2.658	4.331	1.001	-	20	385-0140-1001
6 / 150-152	6.378	2.610.720	2.362	4.921	1.082	-	20	385-0150-1001

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Accessories



CLAMP 208



CONNECT 223



CONNECT 270-271



CONNECT MOULD
ASSEMBLY 233



CONNECT 228