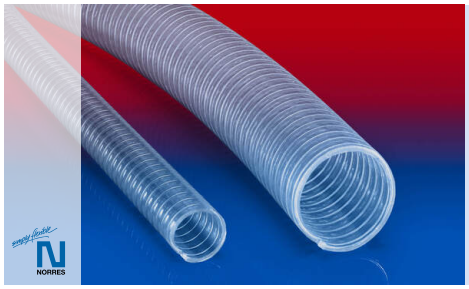
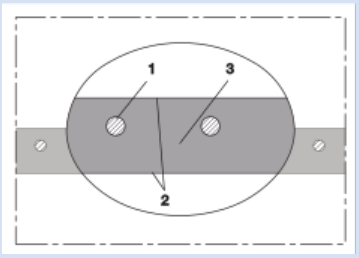
BARDUC® PVC 381 FOOD (HD)





PVC hose, heavy duty, smooth interior and exterior, vacuum-proof

Applications
- hose/ ducting for high volume of abrasive powder, bulk material, granulate and for gases
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- plastic industry, conveying of granulates and powders: granulate conveying equipment, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
- airport, airplane, rail vehicle, train, railway, boat, ship/ vessel, yacht: lavatory waste
- agricultural industry: irrigation, fertilizers, insecticides
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- construction industry: lowering groundwater
- caravan/ trailer, mobile home/ camper/ RV, boat, ship/ vessel, yachts: sanitary installation, water supply
- compressor, side channel blower, vacuum pump, pressure pump, pump
- paper mill, paper and pulp industry: waste water, air extraction
- industrial washing machine: washing water hose
- vacuum lifting equipment, vacuum handling system
- silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging
- silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of wood pellets, plastic granulate, plastic powder

Properties
- heavy duty
- very high pressure, vacuum and compression resistance
- Food grade wall, complies with: EU-Directive 10/2011, EC 1935/2004 and EU 2015/174, according to FDA 21 CFR 177.1210 and 175.300
- good resistance to alkalis and acids
- good resistance to 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
- BARDUC® design
- spring steel wire spiral embedded in wall
- smooth interior and exterior
- wall: high grade soft PVC
- wall thickness 0.12 to 0.315 in approx., depending on diameter

Delivery variants
- further diameters and lengths available on request
- transparent (standard)
- special colors: 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)	
- / 10	0.630	101.528	25.101	0.984	0.101	-	100 200	381-0010-0000
- / 12	0.709	87.024	25.101	1.181	0.141	-	100 200	381-0012-0000
- / 13	0.748	87.024	25.101	1.260	0.155	-	100 200	381-0013-0000
- / 14	0.787	87.024	25.101	1.299	0.168	-	100 200	381-0014-0000
5/8 / 16	0.866	87.024	25.101	1.457	0.181	-	100 200	381-0016-0000
- / 18	0.965	72.520	25.101	1.535	0.195	-	100 200	381-0018-0000
3/4 / 19	1.024	72.520	25.101	1.614	0.208	-	100 200	381-0019-0000
- / 20	1.063	72.520	25.101	1.772	0.215	-	100 200	381-0020-0000
- / 22	1.142	72.520	25.101	1.929	0.235	-	100 200	381-0022-0000
1 / 25	1.299	72.520	25.101	2.874	0.329	**100 200**	-	381-0025-0000
- / 30	1.535	58.016	25.101	2.953	0.390	-	100 200	381-0030-0000
1,25 / 32	1.575	58.016	25.101	3.110	0.470	**100 200**	-	381-0032-0000
1,36 / 35	1.732	58.016	25.101	3.268	0.504	-	50 100	381-0035-0000

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.

2026/10

BARDUC® PVC 381 FOOD (HD)

I.D. (in / mm)	outer Ø (in)	Pressure (psi)	Vacuum (inHG)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Production lengths (ft)	Order No.
1,5 / 38	1.850	58.016	25.101	3.583	0.544	**50 100**	-	381-0038-0000
- / 40	1.929	58.016	25.101	3.937	0.638	**-**	50 100	381-0040-0000
- / 42	2.008	58.016	23.624	4.094	0.652	**-**	50 100	381-0042-0000
1,75 / 44-45	2.165	58.016	23.624	4.646	0.746	**-**	50 100	381-0045-0000
2 / 50-51	2.362	58.016	23.624	5.315	0.786	**50 100**	-	381-0050-0000
2,36 / 60	2.756	52.214	23.624	6.693	1.129	**-**	50 100	381-0060-0000
65	2.953	52.214	20.671	7.874	1.297	**50 100**	-	381-0065-0000
- / 70	3.189	52.214	20.671	9.646	1.411	**-**	50 100	381-0070-0000
3 / 75-76	3.504	52.214	20.671	10.315	1.512	**50 100**	-	381-0076-0000
- / 80	3.701	52.214	20.671	10.827	1.707	**-**	25 50	381-0080-0000
3,5 / 89-90	4.094	52.214	20.671	12.402	1.909	**25 50**	-	381-0090-0000

Accessories



CLAMP 211



CONNECT STORZ DIN ALU 251

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.

2026/10