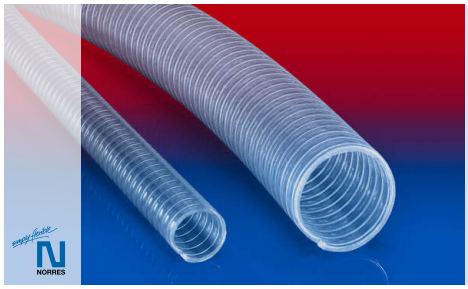
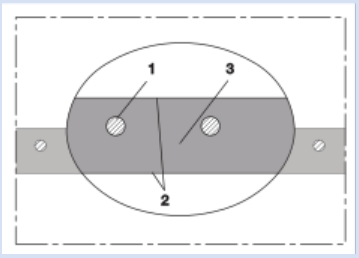
BARDUC® PVC 381 FOOD (HD)





PVC hose, heavy, 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: toilet discharging/ disposal
- 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
- silos and tankers: silo charging, silo discharging
- silo and tankers: 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
- -20 °C to 70 °C
- short time to 80 °C

Design
- BARDUC® design
- spring steel wire spiral embedded in wall
- smooth interior and exterior
- wall: high grade soft PVC
- wall thickness 3 to 8 mm approx., depending on diameter

Delivery variants
- further diameters and lengths available on request
- transparent (standard)
- special colours: full coloured
- customer-specific branding

I.D. (in / mm)	outer Ø (mm)	Pressure (bar)	Vacuum (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Production Lengths (m)	Order No.
- / 10	16.00	7,000	0,850	25.00	0.15	**60**	30	381-0010-0000
- / 12	18.00	6,000	0,850	30.00	0.21	**30 60**	-	381-0012-0000
- / 13	19.00	6,000	0,850	32.00	0.23	**30 60**	-	381-0013-0000
- / 14	20.00	6,000	0,850	33.00	0.25	**30 60**	-	381-0014-0000
5/8 / 16	22.00	6,000	0,850	37.00	0.27	**30 60**	-	381-0016-0000
- / 18	24.50	5,000	0,850	39.00	0.29	**30 60**	-	381-0018-0000
3/4 / 19	26.00	5,000	0,850	41.00	0.31	**30 60**	-	381-0019-0000
- / 20	27.00	5,000	0,850	45.00	0.32	**30 60**	-	381-0020-0000
- / 22	29.00	5,000	0,850	49.00	0.35	**30 60**	-	381-0022-0000
1 / 25	33.00	5,000	0,850	73.00	0.49	**30 60**	-	381-0025-0000
- / 30	39.00	4,000	0,850	75.00	0.58	**30 60**	-	381-0030-0000
1,25 / 32	40.00	4,000	0,850	79.00	0.70	**30 60**	-	381-0032-0000
1,36 / 35	44.00	4,000	0,850	83.00	0.75	**30 60**	-	381-0035-0000

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.

BARDUC® PVC 381 FOOD (HD)

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
1,5 / 38	47.00	4,000	0,850	91.00	0.81	**15 30**	-	381-0038-0000
- / 40	49.00	4,000	0,850	100.00	0.95	**15 30**	-	381-0040-0000
- / 42	51.00	4,000	0,800	104.00	0.97	**15 30**	-	381-0042-0000
1,75 / 44-45	55.00	4,000	0,800	118.00	1.11	**15 30**	-	381-0045-0000
2 / 50-51	60.00	4,000	0,800	135.00	1.17	**15 30**	-	381-0050-0000
2,36 / 60	70.00	3,600	0,800	170.00	1.68	**15 30**	-	381-0060-0000
65	75.00	3,600	0,700	200.00	1.93	**30**	-	381-0065-0000
- / 70	81.00	3,600	0,700	245.00	2.10	**15 30**	-	381-0070-0000
3 / 75-76	89.00	3,600	0,700	262.00	2.25	**15 30**	-	381-0076-0000
- / 80	94.00	3,600	0,700	275.00	2.54	**10 20**	-	381-0080-0000
3,5 / 89-90	104.00	3,600	0,700	315.00	2.84	**10 20**	-	381-0090-0000

Accessories



CONNECT STORZ DIN ALU 251



CLAMP 211

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