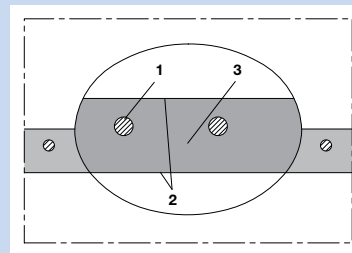


BARDUC® PVC 381



FREE OF
PHTHALAT



Suction and transport hose; Super-heavy, smooth interior and exterior, vacuum-proof

Applications

- for solids such as powder, chips and pellets
- for gaseous and liquid media
- for pressure and vacuum pumps
- for industry, agriculture and construction engineering
- for reducing the ground water level

Properties

- super-heavy model
- smooth interior and exterior
- flexible
- very high pressure, vacuum and compression resistance
- high axial strength
- food grade wall, complies with: EU Directive 2002/72/EC, incl. the latest Amending Directive 975/2009/EC and regulation 10/2011

- good resistance to alkalis and acids
- good resistance to chemicals
- good resistance to UV and ozone
- free of phthalat
- gas and liquid tight
- very robust
- conform to RoHS guideline
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials

Temperature Range

- -20°C to 70°C
- short time to 80°C

Design, Material

BARDUC® design

1. spring steel wire spiral embedded in wall
2. smooth interior and exterior; wall: high grade soft PVC
3. 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 product marking

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 10	16	7,000	0,850	25,0	0,150	30 60	-	381-0010-0000
- / 12	18	6,000	0,850	30,0	0,210	30 60	-	381-0012-0000
- / 13	19	6,000	0,850	31,5	0,225	30 60	-	381-0013-0000
- / 14	20	6,000	0,850	33,0	0,250	30 60	-	381-0014-0000
5/8 / 16	22	6,000	0,850	37,0	0,265	30 60	-	381-0016-0000
- / 18	25	5,000	0,850	39,0	0,290	30 60	-	381-0018-0000
3/4 / 19	26	5,000	0,850	40,5	0,310	30 60	-	381-0019-0000
- / 20	27	5,000	0,850	45,0	0,320	30 60	-	381-0020-0000
- / 22	29	5,000	0,850	49,0	0,350	30 60	-	381-0022-0000
1 / 25	32	5,000	0,850	72,5	0,490	30 60	-	381-0025-0000
- / 30	37	4,000	0,850	75,0	0,575	30 60	-	381-0030-0000
1,25 / 32	40	4,000	0,850	79,0	0,695	30 60	-	381-0032-0000
1,36 / 35	43	4,000	0,850	82,5	0,750	30 60	-	381-0035-0000
1,5 / 38	46	4,000	0,850	91,0	0,810	15 30	-	381-0038-0000
- / 40	49	4,000	0,850	100,0	0,945	15 30	-	381-0040-0000
- / 42	51	4,000	0,800	104,0	0,970	15 30	-	381-0042-0000
1,75 / 44-45	54	4,000	0,800	117,5	1,105	15 30	-	381-0045-0000
- / 48	57	4,000	0,800	126,0	1,250	-	15 30	381-0048-0000
2 / 50-51	59	4,000	0,800	135,0	1,140	15 30	-	381-0050-0000
2,36 / 60	70	3,600	0,800	170,0	1,680	15 30	-	381-0060-0000
2,5 / 63-65	76	3,600	0,800	227,5	1,795	15 30	-	381-0065-0000
- / 70	81	3,600	0,700	245,0	2,095	15 30	-	381-0070-0000
3 / 75-76	88	3,600	0,700	262,0	2,250	15 30	-	381-0076-0000
- / 80	93	3,600	0,700	275,0	2,540	10 20	-	381-0080-0000
3,5 / 89-90	103	3,600	0,700	315,0	2,840	10 20	-	381-0090-0000
4 / 100-102	115	3,600	0,700	413,0	3,350	10 20	-	381-0102-0000

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. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

Accessories



CLAMP 211