

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

- Applications:** Universal suction and transport hose, especially suitable:
- 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
- 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 approx. to +70 °C approx.
 - short time to +80 °C approx.

- 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**
- transparent (standard)
 - special colours: transparent, full coloured
 - customer-specific product marking

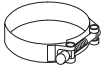
I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Stock Lengths m	Further Production Lengths m	Order No.
		Overpressure bar	Vacuum bar					
10	16	7,000	0,850	64	0,150	30 60	-	381-0010-0000
12	18	6,000	0,850	72	0,180	30 60	-	381-0012-0000
13	19	6,000	0,850	76	0,200	30 60	-	381-0013-0000
14	20	6,000	0,850	80	0,210	60	-	381-0014-0000
16	22	6,000	0,850	90	0,250	30 60	-	381-0016-0000
18	24	5,000	0,850	98	0,290	30 60	-	381-0018-0000
19	25	5,000	0,850	100	0,320	30 60	-	381-0019-0000
20	26	5,000	0,850	104	0,350	30 60	-	381-0020-0000
22	28	5,000	0,850	112	0,380	30 60	-	381-0022-0000
25	32	5,000	0,850	128	0,500	30 60	-	381-0025-0000
30	38	4,000	0,850	152	0,590	30 60	-	381-0030-0000
32	41	4,000	0,850	164	0,650	30 60	-	381-0032-0000
35	44	4,000	0,850	176	0,700	30 60	-	381-0035-0000
38	47	4,000	0,850	188	0,800	15 30	-	381-0038-0000
40	50	4,000	0,850	200	0,870	15 30	-	381-0040-0000
42	52	4,000	0,800	208	0,970	15 30	-	381-0042-0000
45	55	4,000	0,800	220	1,100	15 30	-	381-0045-0000
48	58	4,000	0,800	232	1,180	-	30	381-0048-0000
50	60	4,000	0,800	256	1,240	15 30	-	381-0050-0000
60	72	3,600	0,800	288	1,700	15 30	-	381-0060-0000
63	75	3,600	0,800	300	1,800	15 30	-	381-0063-0000
65	77	3,600	0,700	308	1,860	15 30	-	381-0065-0000
70	83	3,600	0,700	332	2,000	15 30	-	381-0070-0000
75	89	3,600	0,700	356	2,150	-	30	381-0075-0000
76	90	3,600	0,700	360	2,200	15 30	-	381-0076-0000
80	94	3,600	0,700	372	2,350	10 20	-	381-0080-0000
90	104	3,000	0,700	416	2,900	10 20	-	381-0090-0000
102	116	2,400	0,700	464	3,350	10 20	-	381-0102-0000

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.



Accessories

13.4.0



NORCLAMP 211