

High-temperature suction and blast hose; Vibration resistant, very robust, Ø to 1000 mm

Applications: Suction and blast hose, especially suitable:

- for applications, where flame-retardant hoses are demanded
- for solids such as dust, powder and fibres
- for gaseous media such as vapors and smoke
- for de-dusting and suction plants, flue gas extraction, blast furnace exhaust and welding gas exhaust
- as bellows and compensator

Properties

- vibration resistant
- very good heat resistance
- highly flexible + compressible 4:1
- abrasion protection via external clamp profile
- firm clamping of the wall in clamp profile
- good resistance to chemicals
- small bending radius
- kink-proof
- light weight
- very robust
- conform to RoHS guideline

Temperature Range

- -60 °C approx. to +260 °C approx.
- short time to +300 °C approx.

Design, material

patented CP design

1. clamp profile supporting spiral: galvanised steel
2. wall: special-coated high-temperature fabric

Delivery variants

- stainless steel (INOX) clamp profile
- customized designs with special clamp profile supporting spiral pitch and wall materials

I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Production Lengths m	Order No.
		Overpressure bar	Vacuum bar				
38	50	0,645	0,450	40	0,470	6	461-0038-0000
40	52	0,630	0,440	42	0,490	6	461-0040-0000
50	62	0,560	0,380	50	0,620	6	461-0050-0000
55	67	0,530	0,350	54	0,680	6	461-0055-0000
60	72	0,500	0,320	58	0,730	6	461-0060-0000
65	77	0,480	0,290	62	0,790	6	461-0065-0000
70	82	0,455	0,260	66	0,840	6	461-0070-0000
75	87	0,435	0,230	70	0,900	6	461-0075-0000
80	92	0,420	0,200	74	0,950	6	461-0080-0000
90	102	0,385	0,140	82	1,060	6	461-0090-0000
100	112	0,255	0,120	90	0,860	6	461-0100-0000
110	122	0,240	0,105	98	0,940	3,6	461-0110-0000
115	127	0,230	0,095	102	0,990	3,6	461-0115-0000
120	132	0,225	0,090	106	1,030	3,6	461-0120-0000
125	137	0,220	0,085	110	1,070	3,6	461-0125-0000
130	142	0,215	0,075	114	1,110	3,6	461-0130-0000
140	152	0,205	0,060	122	1,190	3,6	461-0140-0000
150	162	0,140	0,050	130	0,830	3,6	461-0150-0000
160	172	0,135	0,045	138	0,890	3,6	461-0160-0000
170	182	0,130	0,040	146	0,940	3,6	461-0170-0000
175	187	0,125	0,040	150	0,970	3,6	461-0175-0000
180	192	0,125	0,040	154	1,000	3,6	461-0180-0000
200	212	0,115	0,030	170	1,100	3,6	461-0200-0000
215	227	0,110	0,030	182	1,180	3,6	461-0215-0000
225	237	0,105	0,025	190	1,240	3,6	461-0225-0000
250	262	0,080	0,025	210	1,370	3,6	461-0250-0000
275	287	0,075	0,020	230	1,500	3,6	461-0275-0000
300	312	0,070	0,015	250	1,640	3,6	461-0300-0000
315	327	0,065	0,015	261	1,720	3,6	461-0315-0000
325	337	0,060	0,015	269	1,770	3,6	461-0325-0000
350	362	0,050	0,015	290	1,900	3,6	461-0350-0000
375	387	0,050	0,010	310	2,130	3,6	461-0375-0000
400	412	0,045	0,010	330	2,170	3,6	461-0400-0000
450	462	0,045	0,010	370	2,440	3,6	461-0450-0000



I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Production Lengths	Order No.
		Overpressure	Vacuum				
mm	mm	bar	bar	mm	kg/m	m	
500	512	0,030	0,005	410	2,710	3 6	461-0500-0000
600	612	0,025	0,005	490	3,240	3	461-0600-0000
700	712	0,020	0,002	570	3,780	3	461-0700-0000
750	762	0,020	0,002	610	4,050	3	461-0750-0000
800	812	0,020	0,002	650	4,310	3	461-0800-0000
900	912	0,015	0,001	730	4,870	3	461-0900-0000
1000	1012	0,015	0,001	810	5,380	3	461-1000-0000

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

13.1.0



NORCLAMP 212

13.6.0



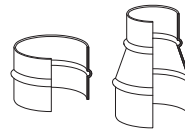
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NORCONNECT 270-271