

High-temperature suction and blast hose; CSM, super-light, highly flexible + compressible, Ø up to 1000 mm

Applications: Suction and blast hose, especially suitable:

- 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
- for exhaust gas technique, engine construction, engine warming, aircraft construction and military construction
- 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 mineral oils and gasoline
- good resistance to alkalis and acids
- good resistance to chemicals
- good resistance to UV and ozone
- small bending radius
- kink-proof
- light weight
- conform to RoHS guideline

Temperature Range

- -40 °C approx. to +170 °C approx.

Design, material

- patented CP design
- 1. clamp profile supporting spiral: galvanised steel
- 2. wall: CSM coated polyester fabric

Delivery variants

- cut lengths and special lengths
- stainless steel (INOX) clamp profile
- double-layer
- 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	0,805	0,450	40	0,570	6	450-0038-0000
40	52	0,785	0,440	42	0,590	6	450-0040-0000
50	62	0,700	0,380	50	0,760	6	450-0050-0000
55	67	0,660	0,350	54	0,820	6	450-0055-0000
60	72	0,630	0,320	58	0,890	6	450-0060-0000
65	77	0,600	0,290	62	0,960	6	450-0065-0000
70	82	0,570	0,260	66	1,030	6	450-0070-0000
75	87	0,545	0,230	70	1,100	6	450-0075-0000
80	92	0,525	0,200	74	1,160	6	450-0080-0000
90	102	0,485	0,140	82	1,300	6	450-0090-0000
100	112	0,320	0,120	78	1,030	6	450-0100-0000
110	122	0,300	0,105	85	1,130	3 6	450-0110-0000
115	127	0,290	0,098	89	1,170	3 6	450-0115-0000
120	132	0,280	0,090	92	1,220	3 6	450-0120-0000
125	137	0,275	0,085	96	1,270	3 6	450-0125-0000
130	142	0,270	0,075	99	1,320	3 6	450-0130-0000
140	152	0,255	0,060	106	1,420	3 6	450-0140-0000
150	162	0,175	0,050	113	1,040	3 6	450-0150-0000
160	172	0,165	0,045	120	1,110	3 6	450-0160-0000
170	182	0,160	0,040	127	1,170	3 6	450-0170-0000
175	187	0,155	0,040	131	1,210	3 6	450-0175-0000
180	192	0,155	0,040	134	1,240	3 6	450-0180-0000
200	212	0,145	0,030	148	1,370	3 6	450-0200-0000
215	227	0,135	0,030	159	1,470	3 6	450-0215-0000
225	237	0,135	0,025	166	1,540	3 6	450-0225-0000
250	262	0,100	0,025	183	1,710	3 6	450-0250-0000
275	287	0,095	0,020	201	1,870	3 6	450-0275-0000
300	312	0,090	0,015	218	2,040	3 6	450-0300-0000
315	327	0,085	0,015	228	2,140	3 6	450-0315-0000
325	337	0,070	0,015	236	2,210	3 6	450-0325-0000
350	362	0,065	0,015	253	2,370	3 6	450-0350-0000
375	387	0,065	0,010	270	2,500	3 6	450-0375-0000



I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Production Lengths	Order No.
		Overpressure	Vacuum				
mm	mm	bar	bar	mm	kg/m	m	
400	412	0,060	0,010	288	2,710	3 6	450-0400-0000
450	462	0,055	0,010	323	3,040	3 6	450-0450-0000
500	512	0,035	0,005	358	3,370	3 6	450-0500-0000
600	612	0,030	0,005	428	4,040	3	450-0600-0000
700	712	0,025	0,002	498	4,710	3	450-0700-0000
750	762	0,027	0,002	533	5,040	3	450-0750-0000
800	812	0,025	0,002	568	5,370	3	450-0800-0000
900	912	0,020	0,001	638	6,040	3	450-0900-0000
1000	1012	0,020	0,001	708	6,710	3	450-1000-0000

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



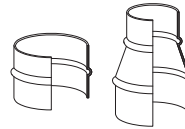
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NORCONNECT 270-271