

Electrically conductive suction and blast hose; TEFLON® <math> < 10^6 \Omega</math>, super-light + compressible, highly chemical resistant

Applications: Electrically conductive suction and blast hose, especially suitable:

- for transporting inflammable bulk materials and in areas liable to contain explosive mixtures (explosion protection)
- for aggressive solids such as dust, powder and fibres
- for aggressive gaseous media such as vapors and smoke
- as bellows and compensator
- for de-dusting and suction plants

Properties

- surface resistance, PTFE film <math> < 10^6 \Omega</math>
- double-layer
- very good heat resistance
- highly flexible + compressible 4:1
- abrasion protection via external clamp profile
- firm clamping of the wall in clamp profile
- anti-adhesive
- good resistance to alkalis and acids
- extremely 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: all-stainless steel (INOX)
2. wall: semi-conducting PTFE film interior, CSM coated polyester fabric exterior

Delivery variants

- cut lengths and special lengths

I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Production Lengths m	Order No.
		Overpressure bar	Vacuum bar				
50	62	0,420	0,300	43	0,840	6	472-0050-1003
55	67	0,400	0,280	47	0,910	6	472-0055-1003
60	72	0,375	0,250	50	0,990	6	472-0060-1003
65	77	0,360	0,230	54	1,060	6	472-0065-1003
70	82	0,340	0,210	57	1,130	6	472-0070-1003
75	87	0,330	0,180	61	1,210	6	472-0075-1003
80	92	0,315	0,160	64	1,290	6	472-0080-1003
90	102	0,290	0,110	71	1,430	6	472-0090-1003
100	112	0,190	0,100	78	1,160	6	472-0100-1003
110	122	0,180	0,085	85	1,260	3 6	472-0110-1003
115	127	0,175	0,080	89	1,310	3 6	472-0115-1003
120	132	0,170	0,075	92	1,370	3 6	472-0120-1003
125	137	0,165	0,070	96	1,430	3 6	472-0125-1003
130	142	0,160	0,060	99	1,480	3 6	472-0130-1003
140	152	0,155	0,050	106	1,590	3 6	472-0140-1003
150	162	0,105	0,040	113	1,190	3 6	472-0150-1003
160	172	0,100	0,035	120	1,270	3 6	472-0160-1003
170	182	0,095	0,035	127	1,350	3 6	472-0170-1003
175	187	0,095	0,030	131	1,380	3 6	472-0175-1003
180	192	0,090	0,030	134	1,420	3 6	472-0180-1003
200	212	0,085	0,025	148	1,580	3 6	472-0200-1003
215	227	0,080	0,020	159	1,690	3 6	472-0215-1003
225	237	0,080	0,020	166	1,770	3 6	472-0225-1003
250	262	0,060	0,020	183	1,960	3 6	472-0250-1003
275	287	0,055	0,015	201	2,150	3 6	472-0275-1003
300	312	0,050	0,010	218	2,340	3 6	472-0300-1003
315	327	0,050	0,010	228	2,460	3 6	472-0315-1003
325	337	0,040	0,010	236	2,530	3 6	472-0325-1003
350	362	0,040	0,010	253	2,720	3 6	472-0350-1003
375	387	0,035	0,010	270	2,910	3 6	472-0375-1003
400	412	0,035	0,010	288	3,100	3 6	472-0400-1003
450	462	0,030	0,005	323	3,870	3 6	472-0450-1003



I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Production Lengths m	Order No.
		Overpressure bar	Vacuum bar				
500	512	0,020	0,005	358	3,870	3 6	472-0500-1003
600	612	0,020	0,005	428	4,630	3	472-0600-1003
700	712	0,015	0,002	498	5,390	3	472-0700-1003
750	762	0,015	0,001	533	5,750	3	472-0750-1003
800	812	0,015	0,001	568	6,160	3	472-0800-1003
900	912	0,015	0,001	638	6,920	3	472-0900-1003
1000	1012	0,010	0,001	708	7,680	3	472-1000-1003

TEFLON® is a registered trademark of DuPont; 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



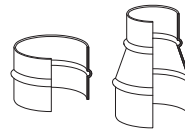
NORCLAMP 217

13.7.0



NORCLAMP 213

13.18.0



NORCONNECT 270-271