



Suction and blast hose for the food and pharmaceutical industries (FDA); TEFLON® + stainless steel, super-light, highly flexible + compressible 4:1

Applications

- for the food and pharmaceutical industry
- for the chemical industry
- for aggressive solids such as dust, powder and fibres
- for aggressive gaseous media such as vapors and smoke
- for de-dusting and suction plants

Properties

- very good heat resistance
- highly flexible + compressible 4:1
- abrasion protection via external Clamp profile
- firm clamping of the wall in Clamp profile
- food grade wall, complies with: EU Directive 2002/72/EG (formerly 90/128/EWG), FDA 21 CFR Part 177.1550

- odourless and tasteless
- anti-adhesive
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- good resistance to UV and ozone
- small bending radiuses
- kink-proof
- light weight
- conform to RoHS guideline

Temperature Range

- -150 °C to +250 °C
- short time to +270 °C

Design, material

CP construction

1. Clamp profile supporting spiral: all-stainless steel (INOX)
2. wall: PTFE coated glass fabric

Delivery variants

- cut lengths and special lengths
- Further diameters and lengths available on request
- double-layer
- customized designs with special Clamp profile supporting spiral pitch and wall materials

I.D. 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.
50	62	0,420	0,270	43	0,570	6	-	475-0050-0000
55	67	0,400	0,250	47	0,620	-	6	475-0055-0000
60	72	0,375	0,220	50	0,640	6	-	475-0060-0000
65	77	0,360	0,200	54	0,720	-	6	475-0065-0000
70	82	0,340	0,180	57	0,770	-	6	475-0070-0000
75	87	0,330	0,160	61	0,820	6	-	475-0075-0000
80	92	0,315	0,140	64	0,880	6	-	475-0080-0000
90	102	0,290	0,100	71	0,980	6	-	475-0090-0000
100	112	0,190	0,085	78	0,820	6	-	475-0100-0000
110	122	0,180	0,075	85	0,900	3 6	-	475-0110-0000
115	127	0,175	0,070	89	0,940	3 6	-	475-0115-0000
120	132	0,170	0,065	92	0,980	3 6	-	475-0120-0000
125	137	0,165	0,060	96	1,020	3 6	-	475-0125-0000
130	142	0,160	0,055	99	1,060	-	3 6	475-0130-0000
140	152	0,155	0,040	106	1,140	3 6	-	475-0140-0000
150	162	0,105	0,035	113	0,760	3 6	-	475-0150-0000
160	172	0,100	0,030	120	0,810	3 6	-	475-0160-0000
170	182	0,095	0,030	127	0,850	3 6	-	475-0170-0000
175	187	0,095	0,030	131	0,880	-	3 6	475-0175-0000
180	192	0,090	0,025	134	0,900	-	3 6	475-0180-0000
200	212	0,085	0,020	148	1,000	3 6	-	475-0200-0000
215	227	0,080	0,020	159	1,070	-	3 6	475-0215-0000
225	237	0,080	0,020	166	1,120	3 6	-	475-0225-0000
250	262	0,060	0,015	183	1,240	3 6	-	475-0250-0000
275	287	0,055	0,015	201	1,360	-	3 6	475-0275-0000
300	312	0,050	0,010	218	1,480	3 6	-	475-0300-0000
315	327	0,050	0,010	228	1,560	-	3 6	475-0315-0000
325	337	0,045	0,010	236	1,650	-	3 6	475-0325-0000

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured in the middle of the hose. 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.

I.D. 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.
350	362	0,040	0,010	253	1,730	3 6	-	475-0350-0000
375	387	0,040	0,010	270	1,950	-	3 6	475-0375-0000
400	412	0,035	0,005	288	1,970	3 6	-	475-0400-0000
450	462	0,030	0,005	323	2,210	3 6	-	475-0450-0000
500	512	0,020	0,005	358	2,450	3 6	-	475-0500-0000
600	612	0,020	0,005	428	2,940	-	3	475-0600-0000
700	712	0,015	0,002	498	3,420	-	3	475-0700-0000
750	762	0,015	0,001	533	3,660	3	-	475-0750-0000
800	812	0,015	0,001	568	3,910	-	3	475-0800-0000
900	912	0,015	0,001	638	4,580	-	3	475-0900-0000
1000	1012	0,010	0,001	708	4,880	3	-	475-1000-0000

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.

Accessoires



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 270-271

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