

Abrasion-proof suction and blast hose; Super-light, highly flexible + compressible 4:1

Applications: Abrasion-proof suction and blast hose, especially suitable:

- for abrasive solids such as dust, powder, fibres and chips
- for gaseous media such as oil vapors and welding smoke
- for de-dusting and suction plants

Properties

- excellent value for money (patented process, always shipped compressed, low transport costs and risk, occupies minimal space in warehouse)
- super-light model
- highly flexible + compressible 4:1
- abrasion-proof (abrasion resistance about 2.5 to 5 times better than most rubber materials and about 3 to 4 times better than most soft PVC's)
- high tensile strength and tear resistant

- good resistance to mineral oils and gasoline
- good resistance to chemicals
- good resistance to UV and ozone
- small bending radius
- kink-proof
- free of softener and halogen
- gas and liquid tight
- conform to RoHS guideline
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral (Ø to 149mm), recommended for many applications with the exception of inflammable bulk materials

Temperature Range

- -40 °C approx. to +90 °C approx.
- short time to +125 °C approx.

Design, material

PROTAPE® tape hose

1. spring steel wire integrated in wall
2. extruded tape
wall: special premium ester-polyurethane (Pre-PUR®)
3. wall thickness 0.4 mm approx.

Delivery variants

- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- wall: microbe and hydrolysis resistant premium ether-polyurethane (Pre-PUR®)
- wall: „bioplastic“ derived from renewable raw materials

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					
38	46	0,610	0,265	46	0,220	5 10	15	301-0038-0000
40	48	0,590	0,250	48	0,230	5 10	15	301-0040-0000
45	53	0,530	0,235	53	0,255	-	5 10 15	301-0045-0000
50	58	0,490	0,216	58	0,280	5 10	15	301-0050-0000
51	59	0,485	0,216	59	0,290	5 10	15	301-0051-0000
60	68	0,410	0,171	68	0,340	5 10	15	301-0060-0000
63	71	0,390	0,150	71	0,350	5 10	15	301-0063-0000
65	73	0,380	0,150	73	0,360	5 10	15	301-0065-0000
70	78	0,350	0,126	78	0,380	5 10	15	301-0070-0000
75	83	0,330	0,117	83	0,410	5 10	15	301-0075-0000
76	84	0,325	0,117	84	0,420	5 10	15	301-0076-0000
80	88	0,310	0,108	88	0,440	5 10	15	301-0080-0000
90	98	0,285	0,090	98	0,490	5 10	15	301-0090-0000
100	108	0,250	0,072	108	0,510	5 10	15	301-0100-0000
102	110	0,245	0,072	110	0,520	5 10	15	301-0102-0000
110	118	0,225	0,066	118	0,560	-	5 10 15	301-0110-0000
115	123	0,215	0,064	123	0,580	-	5 10 15	301-0115-0000
120	128	0,205	0,063	128	0,610	5 10	15	301-0120-0000
125	133	0,200	0,050	133	0,630	5 10	15	301-0125-0000
127	135	0,195	0,050	135	0,640	5 10	15	301-0127-0000
130	138	0,190	0,050	138	0,660	-	5 10 15	301-0130-0000
140	148	0,175	0,050	148	0,710	5 10	15	301-0140-0000
150	158	0,165	0,050	158	0,760	5 10	15	301-0150-0000
152	160	0,165	0,050	160	0,780	5 10	15	301-0152-0000
160	168	0,155	0,043	168	0,810	5 10	15	301-0160-0000
170	178	0,145	0,038	178	0,860	-	5 10 15	301-0170-0000
175	183	0,140	0,036	183	0,880	-	5 10 15	301-0175-0000
178	186	0,140	0,036	186	0,890	-	5 10 15	301-0178-0000
180	188	0,135	0,033	188	0,900	5 10	15	301-0180-0000
200	208	0,120	0,033	208	1,030	5 10	15	301-0200-0000



I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Stock Lengths	Further Production Lengths	Order No.
		Overpressure	Vacuum					
mm	mm	bar	bar	mm	kg/m	m	m	
203	212	0,120	0,033	212	1,080	-	5 10 15	301-0203-0000
225	234	0,110	0,023	234	1,160	-	5 10 15	301-0225-0000
228	237	0,110	0,023	237	1,190	-	5 10 15	301-0228-0000
250	269	0,100	0,015	269	1,280	5 10	15	301-0250-0000
254	263	0,098	0,014	263	1,300	-	5 10	301-0254-0000
275	284	0,090	0,012	284	1,400	-	5 10	301-0275-0000
280	289	0,090	0,012	289	1,430	-	5 10	301-0280-0000
300	309	0,080	0,011	309	1,700	-	5 10	301-0300-0000
305	315	0,080	0,011	315	1,730	-	5 10	301-0305-0000
315	325	0,076	0,010	325	1,790	-	5 10	301-0315-0000
325	335	0,075	0,010	335	1,850	-	5 10	301-0325-0000
350	360	0,070	0,005	360	2,000	-	5 10	301-0350-0000
400	410	0,060	0,005	410	2,260	-	5 10	301-0400-0000
450	460	0,055	0,005	460	2,520	-	5 10	301-0450-0000
500	510	0,050	0,005	510	2,780	-	5 10	301-0500-0000

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



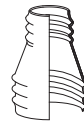
NORCLAMP 217

13.7.0



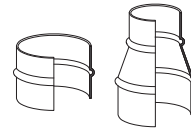
NORCLAMP 213

13.14.0



NORCONNECT 223

13.18.0



NORCONNECT 270-271