



Food hose and pharmaceutical hose, light

Applications

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- food industry, pharmaceutical industry: food-stuff, pharmaceutical
- conveying of e.g. rice, dry food, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- extraction arm
- clean room ventilation, semiconductor production machine
- medical device/ medical technology, health-care sector: cable protection conduit, air supply hose, extraction hose

Properties

- lightweight and reinforced
- highly flexible + compressible 3:1
- abrasion-resistant
- approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600 and 178.2010
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- conforms to RoHS guideline

- 40°C to 90°C
- short time to 125°C

Design, Material

patented PROTAPE® tape hose

- spring steel wire integrated in wall
- wall: special premium ether-polyurethane (Pre-PUR®)
- wall thickness 0,6 mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- customer-specific product marking

Temperature Range

I.D. in / 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.
1 / 25	32	1,600	0,370	20	0,170	10	15	330-0025-0000
- / 30	37	1,345	0,355	22	0,200	10	15	330-0030-0000
1,25 / 32	39	1,260	0,350	23	0,210	10 15	-	330-0032-0000
1,5 / 38	45	1,060	0,320	26	0,250	10 15	-	330-0038-0000
- / 40	47	1,015	0,315	27	0,280	10 15	-	330-0040-0000
1,75 / 44-45	52	0,900	0,295	30	0,310	-	5 10 15	330-0045-0000
2 / 50-51	58	0,815	0,275	33	0,360	10 15	-	330-0050-0000
2,36 / 60	68	0,680	0,258	38	0,430	10 15	-	330-0060-0000
2,5 / 63-65	73	0,630	0,225	41	0,470	10	15	330-0065-0000
- / 70	78	0,585	0,188	43	0,500	10 15	-	330-0070-0000
3 / 75-76	83	0,545	0,156	46	0,530	10 15	-	330-0075-0000
- / 80	88	0,510	0,145	48	0,570	10 15	-	330-0080-0000
3,5 / 89-90	98	0,455	0,135	53	0,630	10 15	-	330-0090-0000
4 / 100-102	108	0,410	0,120	58	0,660	10 15	-	330-0100-0000
- / 110	118	0,375	0,095	63	0,730	10 15	-	330-0110-0000
4,5 / 114-115	123	0,355	0,085	66	0,760	10 15	-	330-0115-0000
4,72 / 120	128	0,340	0,085	68	0,790	10	15	330-0120-0000
5 / 125-127	133	0,330	0,078	71	0,820	10 15	-	330-0125-0000
- / 130	138	0,315	0,063	73	0,850	10	15	330-0130-0000
5,5 / 140	148	0,295	0,063	78	0,920	10 15	-	330-0140-0000
6 / 150-152	158	0,275	0,063	83	0,980	10 15	-	330-0150-0000
6,3 / 160	168	0,255	0,058	88	1,040	10 15	-	330-0160-0000
6,5 / 165	173	0,248	0,058	91	1,075	-	10 15	330-0165-0000
- / 170	178	0,240	0,058	93	1,110	-	10 15	330-0170-0000
- / 175	183	0,235	0,048	96	1,140	10	15	330-0175-0000

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. 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. in / 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.
7 / 178-180	188	0,230	0,042	98	1,170	10 15	-	330-0180-0000
8 / 200-203	208	0,205	0,042	108	1,540	10 15	-	330-0200-0000
- / 225	233	0,180	0,042	121	1,750	10 15	-	330-0225-0000
9 / 228-229	236	0,180	0,032	122	1,770	-	10 15	330-0228-0000
- / 250	258	0,165	0,032	133	1,900	10 15	-	330-0250-0000
10 / 254	262	0,165	0,016	135	1,940	10 15	-	330-0254-0000
- / 275	283	0,150	0,016	146	2,110	-	10	330-0275-0000
11 / 280	288	0,145	0,016	148	2,150	-	10	330-0280-0000
- / 300	309	0,135	0,016	159	2,530	10 15	-	330-0300-0000
12 / 305	314	0,135	0,016	162	2,570	-	10 15	330-0305-0000
- / 315	324	0,130	0,016	167	2,650	-	10	330-0315-0000
- / 325	334	0,125	0,010	172	2,740	-	10	330-0325-0000
13 / 330	339	0,123	0,010	174	2,800	-	10	330-0330-0000
- / 350	359	0,115	0,010	184	2,950	10	-	330-0350-0000
14 / 356	365	0,113	0,010	187	3,000	-	10	330-0356-0000
- / 400	409	0,105	0,010	209	3,360	10	-	330-0400-0000
16 / 405-406	415	0,103	0,010	212	3,410	-	10	330-0406-0000
- / 450	459	0,090	0,010	234	3,770	10	-	330-0450-0000
18 / 457	466	0,088	0,006	238	3,970	-	10	330-0457-0000
- / 500	510	0,080	0,005	260	5,160	10	-	330-0500-0000
20 / 508	518	0,078	0,005	265	5,380	-	10	330-0508-0000

Accessories



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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