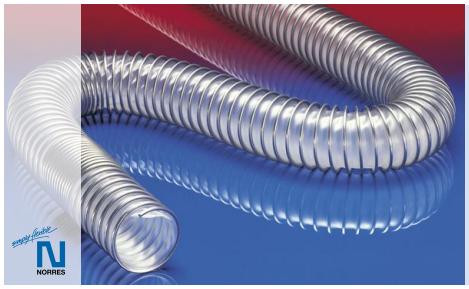
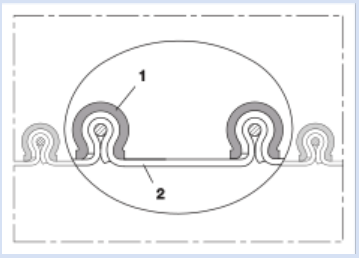
CP PUR 455 FOOD





Food hose and pharmaceutical hose, super-light

Applications
- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- bellows, compensators

Properties
- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- highly flexible + compressible 5:1
- abrasion-resistant
- Food grade wall, complies with: EU-Directive 10/2011, EC 1935/2004 and EU 2015/174, FDA 21 CFR 177.2600
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range
- -40 °C to 90 °C
- short time to 125 °C

Design
- CP construction
- clamp profile supporting spiral: galvanised steel
- wall: special premium ether-polyurethane (Pre-PUR®)

Delivery variants
- further diameters and lengths available on request
- transparent (standard)
- stainless steel (INOX) clamp profile
- double-layer

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
2 / 50-51	62.00	0,280	0,270	25.00	0.66	**6**	455-0050-0000
- / 55	67.00	0,255	0,250	27.00	0.72	**6**	455-0055-0000
2,36 / 60	72.00	0,235	0,220	28.00	0.77	**6**	455-0060-0000
2,5 / 63-65	77.00	0,215	0,200	30.00	0.83	**6**	455-0065-0000
- / 80	92.00	0,175	0,140	34.00	1.01	**6**	455-0080-0000
3,5 / 89-90	102.00	0,155	0,100	37.00	1.13	**6**	455-0090-0000
4 / 100-102	112.00	0,140	0,085	40.00	1.07	**6**	455-0100-0000
- / 110	122.00	0,130	0,075	43.00	1.17	**3 6**	455-0110-0000
4,5 / 114-115	127.00	0,125	0,070	45.00	1.22	**3 6**	455-0115-0000
4,72 / 120	132.00	0,120	0,065	46.00	1.27	**3 6**	455-0120-0000
5 / 125-127	137.00	0,110	0,060	48.00	1.32	**3 6**	455-0125-0000
- / 130	142.00	0,110	0,055	49.00	1.37	**3 6**	455-0130-0000
5,5 / 140	152.00	0,100	0,040	52.00	1.47	**3 6**	455-0140-0000
6 / 150-152	162.00	0,095	0,035	55.00	1.63	**3 6**	455-0150-0000
6,3 / 160	172.00	0,090	0,030	58.00	1.74	**3 6**	455-0160-0000
- / 170	182.00	0,080	0,030	61.00	1.84	**3 6**	455-0170-0000
7 / 178-180	192.00	0,080	0,025	64.00	1.95	**3 6**	455-0180-0000
8 / 200-203	212.00	0,070	0,020	70.00	2.15	**3 6**	455-0200-0000
- / 215	227.00	0,065	0,020	75.00	2.31	**3 6**	455-0215-0000
- / 225	237.00	0,060	0,020	78.00	2.42	**3 6**	455-0225-0000
9 / 228-229	240.00	0,060	0,019	79.00	2.46	**3 6**	455-0228-0000
- / 250	262.00	0,055	0,015	85.00	2.68	**3 6**	455-0250-0000
10 / 254	266.00	0,050	0,015	87.00	2.72	**3 6**	455-0254-0000

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. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.

CP PUR 455 FOOD

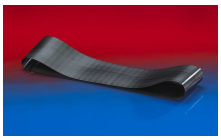
I.D. (in / mm)	outer Ø (mm)	Pressure (bar)	Vacuum (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Order No.
- / 275	287.00	0,050	0,015	93.00	2.94	**3 6**	455-0275-0000
11 / 280	292.00	0,045	0,015	95.00	3.00	**3 6**	455-0280-0000
- / 300	312.00	0,045	0,010	100.00	3.20	**3 6**	455-0300-0000
12 / 305	317.00	0,045	0,010	102.00	3.25	**3 6**	455-0305-0000
- / 315	327.00	0,045	0,010	105.00	3.36	**3 6**	455-0315-0000
- / 325	337.00	0,045	0,010	107.00	3.46	**3 6**	455-0325-0000
- / 350	362.00	0,040	0,010	115.00	3.72	**3 6**	455-0350-0000
14 / 356	368.00	0,040	0,010	117.00	3.79	**3 6**	455-0356-0000
- / 375	387.00	0,040	0,010	123.00	3.99	**3 6**	455-0375-0000
- / 400	412.00	0,035	0,005	130.00	4.25	**3 6**	455-0400-0000
16 / 405-406	418.00	0,030	0,005	132.00	4.33	**3 6**	455-0406-0000
- / 450	462.00	0,030	0,005	145.00	4.77	**3 6**	455-0450-0000
18 / 457	469.00	0,030	0,005	148.00	4.85	**3 6**	455-0457-0000
- / 500	512.00	0,030	0,005	160.00	5.29	**3 6**	455-0500-0000
20 / 508	520.00	0,030	0,005	163.00	5.40	**3 6**	455-0508-0000
- / 600	612.00	0,025	0,005	190.00	6.34	**3 6**	455-0600-0000
- / 700	712.00	0,020	0,002	220.00	7.38	**3 6**	455-0700-0000
- / 750	762.00	0,020	0,001	235.00	7.91	**3 6**	455-0750-0000
- / 800	812.00	0,020	0,001	250.00	8.43	**3 6**	455-0800-0000
- / 900	912.00	0,015	0,001	280.00	9.48	**3 6**	455-0900-0000
- / 1000	1012.00	0,015	0,001	310.00	10.54	**3 6**	455-1000-0000

Accessories

CLAMP 217

CLAMP 212

CLAMP 213


CONNECT 228

CONNECT 270-271

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