

CP PUR 455 FOOD

Food hose and pharmaceutical hose, super-light weight

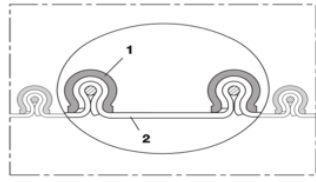
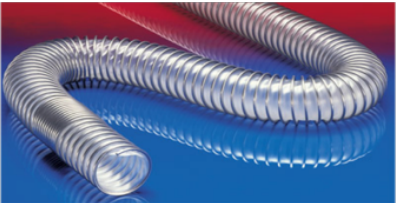
Applications:
flexible hose/ ducting for gases and for abrasive dust, powder, fibers
food industry, pharmaceutical industry: food, pharmaceutical
conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
mixer, dryer, packaging machine, bulk-bag (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 and EC 1935/2004, incl. the latest EU-Directive 2015/174, FDA 21 CFR 177.2600
odorless 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

Temperature range:
-40°F to 195°F
short time to 255°F

Design, material:
CP construction
1. clamp profile supporting spiral: galvanized steel
2. 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. in/mm	O.D. in	Pressure psi	Vacuum DIN inHg	Bending Radius in	Weight lbs./ft	Stock length ft	Order No.	Order No.	Article Name	suitable fo
2 / 50-51	2.44	4.05	7.97	1.00	0.445	25	455-0050-0000	45500500000-0000002500	CP PUR 455 FOOD	Yes
2.5 / 63-65	3.03	3.10	5.91	1.16	0.560	25	455-0065-0000	45500650000-0000002500	CP PUR 455 FOOD	Yes
3 / 75-76	3.43	2.75	4.72	1.28	0.640	25	455-0075-0000	45500750000-0000002500	CP PUR 455 FOOD	Yes
3.5 / 89-90	4.00	2.25	2.95	1.46	0.760	25	455-0090-0000	45500900000-0000002500	CP PUR 455 FOOD	Yes
4 / 100-102	4.41	2.05	2.51	1.57	0.720	25	455-0100-0000	45501000000-0000002500	CP PUR 455 FOOD	Yes
4.5 / 114-115	5.00	1.80	2.07	1.75	0.820	12.5	455-0115-0000	45501150000-0000001250	CP PUR 455 FOOD	Yes
4.5 / 114-115	5.00	1.80	2.07	1.75	0.820	25	455-0115-0000	45501150000-0000002500	CP PUR 455 FOOD	Yes
5 / 125-127	5.39	1.60	1.77	1.87	0.885	12.5	455-0125-0000	45501250000-0000001250	CP PUR 455 FOOD	Yes
5 / 125-127	5.39	1.60	1.77	1.87	0.885	25	455-0125-0000	45501250000-0000002500	CP PUR 455 FOOD	Yes
5.5 / 140	6.00	1.45	1.18	2.05	0.990	12.5	455-0140-0000	45501400000-0000001250	CP PUR 455 FOOD	Yes
5.5 / 140	6.00	1.45	1.18	2.05	0.990	25	455-0140-0000	45501400000-0000002500	CP PUR 455 FOOD	Yes
6 / 150-152	6.38	1.40	1.03	2.17	1.095	12.5	455-0150-0000	45501500000-0000001250	CP PUR 455 FOOD	Yes
6 / 150-152	6.38	1.40	1.03	2.17	1.095	25	455-0150-0000	45501500000-0000002500	CP PUR 455 FOOD	Yes
7 / 178-180	7.56	1.15	0.74	2.52	1.310	12.5	455-0180-0000	45501800000-0000001250	CP PUR 455 FOOD	Yes
7 / 178-180	7.56	1.15	0.74	2.52	1.310	25	455-0180-0000	45501800000-0000002500	CP PUR 455 FOOD	Yes
8 / 200-203	8.35	1.00	0.59	2.76	1.445	12.5	455-0200-0000	45502000000-0000001250	CP PUR 455 FOOD	Yes
8 / 200-203	8.35	1.00	0.59	2.76	1.445	25	455-0200-0000	45502000000-0000002500	CP PUR 455 FOOD	Yes
9 / 228-229	9.45	0.85	0.56	3.09	1.655	12.5	455-0228-0000	45502280000-0000001250	CP PUR 455 FOOD	Yes
9 / 228-229	9.45	0.85	0.56	3.09	1.655	25	455-0228-0000	45502280000-0000002500	CP PUR 455 FOOD	Yes
10 / 254	10.47	0.75	0.44	3.43	1.830	12.5	455-0254-0000	45502540000-0000001250	CP PUR 455 FOOD	Yes
10 / 254	10.47	0.75	0.44	3.43	1.830	25	455-0254-0000	45502540000-0000002500	CP PUR 455 FOOD	Yes
12 / 305	12.48	0.65	0.30	4.00	2.185	12.5	455-0305-0000	45503050000-0000001250	CP PUR 455 FOOD	Yes
12 / 305	12.48	0.65	0.30	4.00	2.185	25	455-0305-0000	45503050000-0000002500	CP PUR 455 FOOD	Yes
14 / 356	14.49	0.60	0.30	4.61	2.545	12.5	455-0356-0000	45503560000-0000001250	CP PUR 455 FOOD	Yes

14 / 356	14.49	0.60	0.30	4.61	2.545	25	455-0356-0000	45503560000-0000002500	CP PUR 455 FOOD	Yes
16 / 405-406	16.46	0.45	0.15	5.20	2.910	12.5	455-0406-0000	45504060000-0000001250	CP PUR 455 FOOD	Yes
16 / 405-406	16.46	0.45	0.15	5.20	2.910	25	455-0406-0000	45504060000-0000002500	CP PUR 455 FOOD	Yes
18 / 457	18.46	0.45	0.15	5.83	3.260	12.5	455-0457-0000	45504570000-0000001250	CP PUR 455 FOOD	Yes
18 / 457	18.46	0.45	0.15	5.83	3.260	25	455-0457-0000	45504570000-0000002500	CP PUR 455 FOOD	Yes
20 / 508	20.47	0.45	0.15	6.42	3.630	12.5	455-0508-0000	45505080000-0000001250	CP PUR 455 FOOD	Yes
20 / 508	20.47	0.45	0.15	6.42	3.630	25	455-0508-0000	45505080000-0000002500	CP PUR 455 FOOD	Yes
24 / 610	24.49	0.35	0.15	7.68	4.370	12.5	455-0610-0000	45506100000-0000001250	CP PUR 455 FOOD	Yes
24 / 610	24.49	0.35	0.15	7.68	4.370	25	455-0610-0000	45506100000-0000002500	CP PUR 455 FOOD	Yes
28 / 712	28.50	0.30	0.06	8.86	5.075	12.5	455-0712-0000	45507120000-0000001250	CP PUR 455 FOOD	Yes
28 / 712	28.50	0.30	0.06	8.86	5.075	25	455-0712-0000	45507120000-0000002500	CP PUR 455 FOOD	Yes
32 / 813-815	32.56	0.30	0.03	10.04	5.770	12.5	455-0815-0000	45508150000-0000001250	CP PUR 455 FOOD	Yes
32 / 813-815	32.56	0.30	0.03	10.04	5.770	25	455-0815-0000	45508150000-0000002500	CP PUR 455 FOOD	Yes
36 / 915	36.50	0.20	0.03	11.22	6.480	12.5	455-0915-0000	45509150000-0000001250	CP PUR 455 FOOD	Yes
36 / 915	36.50	0.20	0.03	11.22	6.480	25	455-0915-0000	45509150000-0000002500	CP PUR 455 FOOD	Yes
40 / 1016	40.47	0.20	0.03	12.40	7.195	12.5	455-1016-0000	45510160000-0000001250	CP PUR 455 FOOD	Yes
40 / 1016	40.47	0.20	0.03	12.40	7.195	25	455-1016-0000	45510160000-0000002500	CP PUR 455 FOOD	Yes