

## Hose CP PUR 455 MHF, suction & blower hose up to 90 °C



### Application

- suction and blower hose for cold and hot air, smoke, oil vapors, welding fumes, light abrasive substances such as dust and powder
- also usable as bellows or expansion joint
- resistance to vibrations and mechanical shocks
- suitable for the food industry

### Temperature range

- -40 °C to +90 °C
- peaks at +125 °C

### Properties

- polyurethane hose wall, clamping profile in galvanized steel
- hydrolysis and microbes resistant
- plasticizer and halogen-free
- high axial compressibility [5:1]
- extremely flexible and kink resistant
- very good resistance to oil and petrol vapors
- good chemical resistance
- abrasion protection via external clamp profile

### Approvals/regulations

- EU 10/2011
- FDA 21 CFR 177.2600 and 178.2010
- BfR XXXIX

### Connections

free of choice or to be mounted directly on pipe

### Assembly

worm drive clamps type Spiralex

Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Vacuum-resistance at 20 °C	Minimum bending radius	Roll length	Article
mm	mm	mm	bar	%	mm	m	
50	6		0.28	27	25	0	11193027
55	6		0.26	25	27	0	11193028
60	6		0.24	22	28	0	11193029
65	6		0.22	20	30	0	11193030
70	6		0.2	18	31	0	11193031
75	6		0.19	16	33	0	11193032
90	6		0.16	10	37	0	11193074
110	6	462	0.13	7	43	0	11193076

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Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Vacuum-resistance at 20 °C	Minimum bending radius	Roll length	Article
mm	mm	mm	bar	%	mm	m	
120	6	50	0.12	6	46	0	11193077
125	6	62	0.11	6	48	0	11193078
130	6	512	0.11	5	49	0	11193079
140	6	67	0.1	4	52	0	11193080
150	6	72	0.1	3	55	0	11193081
160	6	612	0.09	3	58	0	11193082
170	6	77	0.08	3	61	0	11193103
175	6	82	0.08	3	63	0	11193104
200	6	87	0.07	2	70	0	11193106
215	6	92	0.07	2	75	0	11193107
225	6	812	0.06	2	78	0	11193108
250	6	102	0.06	1	85	0	11193110
275	6		0.05	1	93	0	11193111
300	6		0.05	1	100	0	11193112
350	6		0.04	1	115	0	11193143
400	6		0.04	0.5	130	0	11193144
450	6		0.03	0.5	145	0	11193145
500	6		0.03	0.5	160	0	11193146
600	6		0.02	0.5	190	0	11193147
700	6		0.02	0.2	220	0	11193148
800	6		0.02	0.1	250	0	11193149
900	6		0.02	0.1	280	0	11193150
1000	6	412	0.01	0.1	310	0	11193151
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