



Polyethylene clamp profile hose (clip hose)

**Application**

- flexible hose/ ducting for gases and for dust, powder, fibres
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- asbestos removal
- construction drying

**Properties**

- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile

- highly flexible + compressible 4:1
- odourless and tasteless
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

**Temperature Range**

- 35 °C to 80 °C

**Design**

- CP construction
- clamp profile supporting spiral: galvanised steel
- wall: polyethylene fabric (LDPE + HDPE)

**Delivery variants**

- further diameters and lengths available on request
- 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	0,490	0,270	18.00	0.44	6	457-0050-0000
- / 55	67.00	0,460	0,250	20.00	0.47	6	457-0055-0000
2,36 / 60	72.00	0,440	0,220	20.00	0.51	6	457-0060-0000
2,5 / 63-65	77.00	0,420	0,200	22.00	0.54	6	457-0065-0000
- / 70	82.00	0,400	0,180	22.00	0.59	6	457-0070-0000
3 / 75-76	87.00	0,380	0,160	24.00	0.63	6	457-0075-0000
- / 80	92.00	0,365	0,140	24.00	0.67	6	457-0080-0000
3,5 / 89-90	102.00	0,340	0,100	26.00	0.75	6	457-0090-0000
4 / 100-102	112.00	0,225	0,085	28.00	0.54	6	457-0100-0000
- / 110	122.00	0,210	0,075	30.00	0.58	3 6	457-0110-0000
4,5 / 114-115	127.00	0,205	0,070	32.00	0.61	3 6	457-0115-0000
4,72 / 120	132.00	0,200	0,065	32.00	0.64	3 6	457-0120-0000
5 / 125-127	137.00	0,195	0,060	34.00	0.66	3 6	457-0125-0000
- / 130	142.00	0,180	0,055	34.00	0.69	3 6	457-0130-0000
5,5 / 140	152.00	0,180	0,040	36.00	0.74	3 6	457-0140-0000
6 / 150-152	162.00	0,120	0,035	38.00	0.79	3 6	457-0150-0000
6,3 / 160	172.00	0,115	0,030	40.00	0.84	3 6	457-0160-0000
6,5 / 165	177.00	0,110	0,030	41.00	0.86	3 6	457-0165-0000
- / 170	182.00	0,110	0,030	42.00	0.89	3 6	457-0170-0000
- / 175	187.00	0,110	0,030	44.00	0.91	3 6	457-0175-0000
7 / 178-180	192.00	0,110	0,025	44.00	0.94	3 6	457-0180-0000
8 / 200-203	212.00	0,100	0,020	48.00	0.81	3 6	457-0200-0000
- / 215	227.00	0,095	0,020	52.00	0.86	3 6	457-0215-0000
- / 225	237.00	0,090	0,020	54.00	0.89	3 6	457-0225-0000
9 / 228-229	240.00	0,08	0,020	54.00	0.91	3 6	457-0228-0000
- / 250	262.00	0,070	0,015	58.00	0.99	3 6	457-0250-0000
10 / 254	266.00	0,065	0,015	59.00	1.01	3 6	457-0254-0000

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 275	287.00	0,060	0,015	64.00	1.09	3 6	457-0275-0000
11 / 280	292.00	0,060	0,015	65.00	1.11	3 6	457-0280-0000
- / 300	312.00	0,060	0,010	68.00	1.18	3 6	457-0300-0000
12 / 305	317.00	0,055	0,010	69.00	1.20	3 6	457-0305-0000
- / 315	327.00	0,050	0,010	71.00	1.24	3 6	457-0315-0000
- / 325	337.00	0,045	0,010	74.00	1.28	3 6	457-0325-0000
13 / 330	342.00	0,045	0,010	75.00	1.30	3 6	457-0330-0000
- / 350	362.00	0,045	0,010	78.00	1.38	3 6	457-0350-0000
14 / 356	368.00	0,040	0,010	79.00	1.40	3 6	457-0356-0000
- / 375	387.00	0,040	0,010	83.00	1.47	3 6	457-0375-0000
- / 400	412.00	0,040	0,005	88.00	1.57	3 6	457-0400-0000
16 / 405-406	418.00	0,035	0,005	89.00	1.59	3 6	457-0406-0000
- / 450	462.00	0,035	0,005	98.00	1.76	3 6	457-0450-0000
18 / 457	469.00	0,035	0,005	100.00	1.79	3 6	457-0457-0000
- / 500	512.00	0,025	0,005	108.00	1.96	3 6	457-0500-0000
20 / 508	520.00	0,025	0,005	110.00	1.99	3 6	457-0508-0000
- / 600	612.00	0,025	0,005	128.00	2.35	3 6	457-0600-0000
24 / 610	622.00	0,025	0,005	130.00	2.38	3 6	457-0610-0000
- / 700	712.00	0,020	0,002	148.00	2.73	3 6	457-0700-0000
28 / 712	724.00	0,020	0,001	151.00	2.78	3 6	457-0712-0000
- / 750	762.00	0,020	0,001	158.00	2.93	3 6	457-0750-0000
- / 800	812.00	0,015	0,001	168.00	3.12	3 6	457-0800-0000
32 / 813-815	827.00	0,015	0,001	171.00	3.18	3 6	457-0815-0000
- / 900	912.00	0,015	0,001	188.00	3.51	3 6	457-0900-0000
36 / 915	927.00	0,015	0,001	191.00	3.56	3 6	457-0915-0000
- / 1000	1012.00	0,015	0,001	208.00	3.89	3 6	457-1000-0000
40 / 1016	1028.00	0,015	0,001	211.00	3.96	3 6	457-1016-0000

Accessories



CLAMP 217



CONNECT 228



CLAMP 212



CONNECT 270-271



CLAMP 213