



Clamp profile hose (clip hose), (up to +170°C)

Applications

- flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- industrial washing machine: air blower hose for drying
- high temperature extraction: oven, foundry, furnace, smelting, ceramics industry, glass industry, steel plant, aluminium mill
- bellows, compensators

Properties

- abrasion protection via external clamp profile
- secure clamping of the wall within the clamp profile
- highly flexible + compressible 4:1
- vibration resistant
- very good heat resistance
- good resistance to oil, gasoline and chemicals
- good resistance to alkalis and acids
- conforms to RoHS guideline

- 40°C to 170°C

Design, Material

CP construction

- clamp profile supporting spiral: galvanised steel
- wall: CSM coated polyester fabric

Delivery variants

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

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	Order No.
1,5 / 38	50	0,785	0,450	21	0,570	6	450-0038-0000
- / 40	52	0,765	0,440	22	0,590	6	450-0040-0000
2 / 50-51	62	0,630	0,380	25	0,760	6	450-0050-0000
- / 55	67	0,600	0,350	27	0,820	6	450-0055-0000
2,36 / 60	72	0,570	0,320	28	0,890	6	450-0060-0000
2,5 / 63-65	77	0,545	0,290	30	0,960	6	450-0065-0000
- / 70	82	0,525	0,260	31	1,030	6	450-0070-0000
3 / 75-76	87	0,500	0,230	33	1,100	6	450-0075-0000
- / 80	92	0,485	0,200	34	1,160	6	450-0080-0000
3,5 / 89-90	102	0,450	0,140	37	1,300	6	450-0090-0000
4 / 100-102	112	0,300	0,120	28	1,030	6	450-0100-0000
- / 110	122	0,285	0,105	30	1,130	36	450-0110-0000
4,5 / 114-115	127	0,275	0,098	32	1,170	36	450-0115-0000
4,72 / 120	132	0,270	0,090	32	1,220	36	450-0120-0000
5 / 125-127	137	0,260	0,085	34	1,270	36	450-0125-0000
- / 130	142	0,255	0,075	34	1,320	36	450-0130-0000
5,5 / 140	152	0,245	0,060	36	1,420	36	450-0140-0000
6 / 150-152	162	0,165	0,050	38	1,040	36	450-0150-0000
6,3 / 160	172	0,160	0,045	40	1,110	36	450-0160-0000
6,5 / 165	177	0,155	0,040	41	1,140	36	450-0165-0000
- / 170	182	0,155	0,040	42	1,170	36	450-0170-0000
- / 175	187	0,150	0,040	44	1,210	36	450-0175-0000
7 / 178-180	192	0,150	0,040	44	1,240	36	450-0180-0000
8 / 200-203	212	0,140	0,030	48	1,370	36	450-0200-0000
- / 215	227	0,135	0,030	52	1,470	36	450-0215-0000
- / 225	237	0,130	0,025	54	1,540	36	450-0225-0000
9 / 228-229	240	0,130	0,025	57	1,560	36	450-0228-0000
- / 250	262	0,100	0,025	58	1,710	36	450-0250-0000

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	Order No.
10 / 254	266	0,095	0,025	60	1,850	3 6	450-0254-0000
- / 275	287	0,090	0,020	64	1,870	3 6	450-0275-0000
11 / 280	292	0,090	0,020	65	1,960	3 6	450-0280-0000
- / 300	312	0,085	0,015	68	2,040	3 6	450-0300-0000
12 / 305	317	0,085	0,015	69	2,070	3 6	450-0305-0000
- / 315	327	0,085	0,015	71	2,140	3 6	450-0315-0000
- / 325	337	0,080	0,015	74	2,210	3 6	450-0325-0000
13 / 330	342	0,080	0,015	75	2,250	3 6	450-0330-0000
- / 350	362	0,065	0,015	78	2,370	3 6	450-0350-0000
14 / 356	368	0,065	0,015	80	2,400	3 6	450-0356-0000
- / 375	387	0,060	0,010	83	2,500	3 6	450-0375-0000
- / 400	412	0,060	0,010	88	2,710	3 6	450-0400-0000
16 / 405-406	418	0,055	0,010	90	2,750	3 6	450-0406-0000
- / 450	462	0,055	0,010	98	3,040	3 6	450-0450-0000
18 / 457	469	0,050	0,010	100	3,090	3 6	450-0457-0000
- / 500	512	0,050	0,005	108	3,370	3 6	450-0500-0000
20 / 508	520	0,035	0,005	110	3,410	3 6	450-0508-0000
- / 600	612	0,030	0,005	128	4,040	3	450-0600-0000
24 / 610	622	0,030	0,005	130	4,120	3	450-0610-0000
- / 700	712	0,025	0,002	148	4,710	3	450-0700-0000
28 / 712	724	0,025	0,002	151	4,790	3	450-0712-0000
- / 750	762	0,025	0,002	158	5,040	3	450-0750-0000
- / 800	812	0,025	0,002	168	5,370	3	450-0800-0000
32 / 813-815	827	0,025	0,002	171	5,470	3	450-0815-0000
- / 900	912	0,020	0,001	188	6,040	3	450-0900-0000
36 / 915	927	0,020	0,001	191	6,140	3	450-0915-0000
- / 1000	1012	0,020	0,001	208	6,710	3	450-1000-0000
40 / 1016	1028	0,020	0,001	213	6,820	3	450-1016-0000

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Accessories



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 270-271

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