

Clamp profile hose (clip hose), food hose and pharmaceutical hose, highly chemical resistant (up to +270°C)

Application

- ♦ flexible hose/ ducting for hot and cold gases and for dust, powder, fibres
- ♦ mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- ♦ extraction arm
- ♦ chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- ♦ paper mill, paper and pulp industry: waste water, air extraction

Properties

- ♦ abrasion protection via external clamp profile
- ♦ secure clamping of the wall within the clamp profile
- ♦ highly flexible + compressible 4:1

- ♦ very good heat resistance
- ♦ Inside layer food quality complies with: EU-Directive 10/2011 and EC 1935/2004
- ♦ food grade wall, complies with: FDA 21 CFR 177.1550, German guideline XV BfR
- ♦ odourless and tasteless
- ♦ anti-adhesive
- ♦ good resistance to alkalis and acids
- ♦ extremely good resistance to chemicals
- ♦ manufacturing process acc. GMP EC 2023/2006
- ♦ conforms to RoHS guideline
- ♦ REACH according to --> Technology / Technical Information / REACH

Temperature Range

- ♦ -150°C to 250°C
- ♦ short time to 270°C

Design

- ♦ CP construction
- ♦ clamp profile supporting spiral: all-stainless steel (INOX)
- ♦ wall: PTFE coated glass fabric
- ♦ TEFLON[®] is a registered trademark of DuPont.

Delivery variants

- ♦ further diameters and lengths available on request
- ♦ 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	0,410	0,270	18.00	0.57	6	475-0050-0000
- / 55	67.00	0,390	0,250	20.00	0.62	6	475-0055-0000
2,36 / 60	72.00	0,370	0,220	20.00	0.64	6	475-0060-0000
2,5 / 63-65	77.00	0,355	0,200	22.00	0.72	6	475-0065-0000
- / 70	82.00	0,340	0,180	22.00	0.77	6	475-0070-0000
3 / 75-76	87.00	0,325	0,160	24.00	0.82	6	475-0075-0000
- / 80	92.00	0,315	0,140	24.00	0.88	6	475-0080-0000
3,5 / 89-90	102.00	0,290	0,100	26.00	0.98	6	475-0090-0000
4 / 100-102	112.00	0,195	0,085	28.00	0.82	6	475-0100-0000
- / 110	122.00	0,185	0,075	30.00	0.90	3 6	475-0110-0000
4,5 / 114-115	127.00	0,180	0,070	32.00	0.94	3 6	475-0115-0000
4,72 / 120	132.00	0,175	0,065	32.00	0.98	3 6	475-0120-0000
5 / 125-127	137.00	0,170	0,060	34.00	1.02	3 6	475-0125-0000
- / 130	142.00	0,165	0,055	34.00	1.06	3 6	475-0130-0000
5,5 / 140	152.00	0,160	0,040	36.00	1.14	3 6	475-0140-0000
6 / 150-152	162.00	0,110	0,035	38.00	0.76	3 6	475-0150-0000
6,3 / 160	172.00	0,105	0,030	40.00	0.81	3 6	475-0160-0000
6,5 / 165	177.00	0,100	0,030	41.00	0.83	3 6	475-0165-0000
- / 170	182.00	0,100	0,030	42.00	0.85	3 6	475-0170-0000
- / 175	187.00	0,100	0,030	44.00	0.88	3 6	475-0175-0000
7 / 178-180	192.00	0,095	0,025	44.00	0.90	3 6	475-0180-0000
8 / 200-203	212.00	0,090	0,020	48.00	1.00	3 6	475-0200-0000
- / 225	237.00	0,085	0,020	54.00	1.12	3 6	475-0225-0000

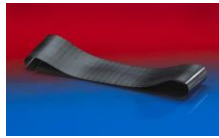
Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx.

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 250	262.00	0,065	0,015	58.00	1.24	3 6	475-0250-0000
- / 275	287.00	0,060	0,015	64.00	1.36	3 6	475-0275-0000
11 / 280	292.00	0,060	0,015	65.00	1.39	3 6	475-0280-0000
- / 300	312.00	0,055	0,010	68.00	1.48	3 6	475-0300-0000
12 / 305	317.00	0,055	0,010	69.00	1.51	3 6	475-0305-0000
- / 315	327.00	0,055	0,010	71.00	1.56	3 6	475-0315-0000
- / 350	362.00	0,040	0,010	78.00	1.73	3 6	475-0350-0000
- / 400	412.00	0,040	0,005	88.00	1.97	3 6	475-0400-0000
- / 450	462.00	0,035	0,005	98.00	2.21	3 6	475-0450-0000
- / 500	512.00	0,030	0,005	108.00	2.45	3 6	475-0500-0000
- / 600	612.00	0,020	0,005	128.00	2.94	3	475-0600-0000

Accessories



CONNECT 270-271



CONNECT 228



CLAMP 212



CLAMP 217



CLAMP 213