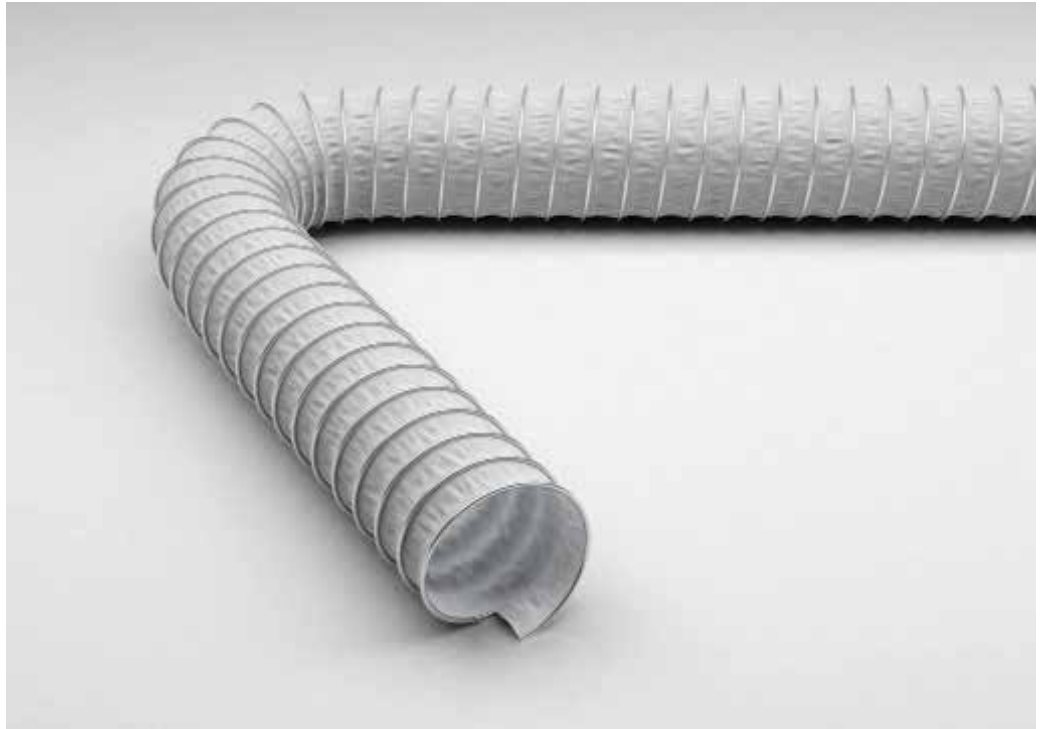


## Master-Clip ISO-SILICONE

Medium & High  
Temperature Hose for  
temperatures up to +300  
°C, double-layered



### Material

clip profile spiral: hot-dip galvanised steel band

Hose wall: two layers

inner layer: heat resistant impregnated glass fabric

outer layer: Silicon coated glass fabric

### Applications

- Machine manufacturing
- Vehicle manufacturing
- Low pressure range
- Defence systems
- Aircraft manufacturing
- Engine manufacturing
- Hot and cold air conveyance
- Extractor units with greater suction performance

### Properties

- smallest bending radii
- good temperature resistance
- hardly inflammable
- UV/ozone-proof
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- extremely compressable to approx. 1:4
- adheres to TRBS 2153 (Zone 1, 21) for non-flammable dusts and gases with low conductivity for dissipation of electrostatic charges with double-ended grounding of Clips and gradient of < 30 mm (see chapter 17.10.5)
- limited vibration-proof

### Temperature Range

- -60°C to +300°C
- peaks to +350°C\*

## Master-Clip ISO-SILICONE

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.		
50	0,85	3840	30	0,5	224-050-116		
55	0,78	3180	33	0,5	224-055-116		
60	0,68	2670	36	0,6	224-060-116		
65	0,59	2280	39	0,6	224-065-116		
70	0,53	1920	42	0,6	224-070-116		
75	0,47	1680	45	0,7	224-075-116		
80	0,43	1500	48	0,7	224-080-116		
90	0,355	1200	54	0,7	224-090-116		
100	0,3	960	60	0,7	224-100-116		
110	0,258	800	66	0,8	224-110-116		
120	0,224	680	72	0,8	224-120-116		
125	0,21	600	75	0,9	224-125-116		
130	0,197	570	78	0,9	224-130-116		
140	0,175	500	84	0,9	224-140-116		
150	0,157	440	90	1	224-150-116		
160	0,14	380	96	1	224-160-116		
170	0,128	340	102	1	224-170-116		
175	0,123	320	105	1,1	224-175-116		
180	0,117	300	108	1,1	224-180-116		
200	0,099	240	120	1,3	224-200-116		
215	0,088	210	151	1,4	224-215-116		
225	0,082	200	158	1,6	224-225-116		
250	0,069	160	175	1,8	224-250-116		
275	0,059	130	193	2,1	224-275-116		
300	0,052	110	210	2,3	224-300-116		
315	0,048	100	221	2,3	224-315-116		
325	0,046	90	228	2,4	224-325-116		
350	0,04	80	245	2,8	224-350-116		
375	0,036	70	263	3,2	224-375-116		
400	0,033	60	280	3,4	224-400-116		
450	0,027	50	360	4	224-450-116		
500	0,023	40	400	4,5	224-500-116		
550	0,02	35	440	5,1	224-550-116		
600	0,017	30	480	5,6	224-600-116		
700	0,014	22	560	6,6	224-700-116		
800	0,011	18	640	7,6	224-800-116		
900	0,009	14	720	8,6	224-900-116		

All data refers to a media and ambient temperature of +20 °C

\* refers to the inside of the hose

Order-specific production in above listed sizes and lengths of 3m or 6m, available within 48 hrs on request.

Available on request in other lengths, sizes, colours, spiral intervals, with stainless steel spirals.

Subject to technical changes and colour deviations.