

Master-Clip HT 650

Medium & High
Temperature Hose for tem-
peratures up to +650 °C



Material

clip profile spiral: hot-dip galvanised steel band
wall: double-layered, inner and outer layers with
special-coated high-temperature fabric reinforced with
integrated VA wire

Applications

- Machine manufacturing
- Smoke extractors
- Oven manufacturing
- Exhaust gas extraction for engine performance test-benches in the automotive industry
- Automotive and aircraft industry
- Shipbuilding industry
- Infrared drying units
- Heat protection
- Mining and steel industry

Properties

- small bending radii
- withstands high mechanical loads
- flexible
- axial compressable
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- very good temperature resistance
- good vacuum resistance
- increased vibration resistance via integrated reinforcement components
- limited suitability for long-term kink movements
- silicone-free
- flame-resistant
- non-flammable

Temperature Range

- -20°C to +650°C
- peaks to +750°C

DN	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.			
50	3950	30	1,1	229-050-111			
55	3500	33	1,19	229-055-111			
60	3180	36	1,29	229-060-111			
65	2990	39	1,38	229-065-111			
70	2640	42	1,47	229-070-111			
75	2550	45	1,57	229-075-111			
80	2280	48	1,66	229-080-111			
90	2090	54	1,85	229-090-111			
100	1680	60	1,57	229-100-111			
110	1390	66	1,71	229-110-111			
120	1180	72	1,85	229-120-111			
125	1050	75	1,93	229-125-111			
130	990	78	2	229-130-111			
140	880	84	2,14	229-140-111			
150	760	90	2,29	229-150-111			
160	670	96	2,43	229-160-111			
170	590	102	2,57	229-170-111			
175	560	105	2,65	229-175-111			
180	520	108	2,72	229-180-111			
200	420	120	3,01	229-200-111			
215	380	151	3,22	229-215-111			
225	350	158	3,36	229-225-111			
250	290	175	3,72	229-250-111			
275	230	193	4,08	229-275-111			
300	190	210	4,44	229-300-111			
315	180	221	4,66	229-315-111			
325	170	228	4,8	229-325-111			
350	150	245	5,16	229-350-111			
375	130	263	5,55	229-375-111			
400	110	280	5,91	229-400-111			
450	90	360	6,63	229-450-111			
500	70	400	7,35	229-500-111			
550	60	440	8,07	229-550-111			
600	50	480	8,79	229-600-111			
700	40	560	10,23	229-700-111			
800	30	640	11,67	229-800-111			
900	25	720	13,11	229-900-111			

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.