

Master-Clip HT 1100

Medium & High
Temperature Hose for tem-
peratures up to +1100 °C



Material

wall: three-layered, inner layer: stainless steel wire fabric, outer layer: high-temperature, special-coated with heat stabilisers reinforced with VA wire, intermediate layer: thermo-textile fabric
clamp profile spiral: VA steel band (1.4512)

Applications

- Machine manufacturing
- Defence systems
- Oven manufacturing
- Automotive and aircraft industry
- Shipbuilding industry
- Heat protection
- Mining and steel industry
- Exhaust gas extraction for high performance test-benches in the automotive industry
- Suction/extraction of turbojet engine exhaust fumes
- Exhaust gas extraction for larger capacity engines
- Extreme temperature demands
- Suction during spark formation

Properties

- small bending radii
- flexible
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- 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)
- very good temperature resistance
- limited suitability for long-term kink movements
- silicone-free
- flame-resistant

Temperature Range

- -20°C to +1100°C

DN	op. pressure c. mmWC	bend radius c. mm*	weight c. kg/m	article no.			
75	3060	45	1,68	230-075-111			
80	2780	48	1,78	230-080-111			
90	2510	54	1,99	230-090-111			
100	2020	60	1,78	230-100-111			
110	1670	66	1,94	230-110-111			
120	1420	72	2,11	230-120-111			
125	1260	75	2,19	230-125-111			
130	1190	78	2,27	230-130-111			
140	1060	84	2,44	230-140-111			
150	920	90	2,6	230-150-111			
160	810	96	2,77	230-160-111			
170	710	102	2,93	230-170-111			
175	680	105	3,02	230-175-111			
180	630	126	3,1	230-180-111			
200	510	140	3,43	230-200-111			
215	460	151	3,68	230-215-111			
225	420	158	3,84	230-225-111			
250	350	175	4,25	230-250-111			
275	280	193	4,67	230-275-111			
300	230	210	5,08	230-300-111			
315	220	221	5,33	230-315-111			
325	210	228	5,49	230-325-111			
350	180	245	5,9	230-350-111			
375	160	300	6,35	230-375-111			
400	140	320	6,76	230-400-111			
450	110	360	7,59	230-450-111			
500	90	400	8,41	230-500-111			
550	80	440	9,24	230-550-111			
600	60	480	10,06	230-600-111			
700	50	560	11,72	230-700-111			
800	40	640	13,37	230-800-111			
900	30	720	15,02	230-900-111			

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 and spiral intervals.

Subject to technical changes and colour deviations.