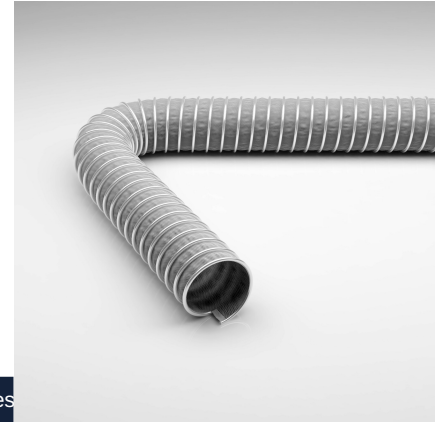


MASTER-CLIP HT 650

Ref 000309

Medium- and high temperature hose for temperatures up to 650 °C



Flame-retardant

Microbe resistant

Compressible

Hydrolysis resistant

Temperature- res

Medium heavy

Moderately pressure resistant

-20 to +650 °C

CONSTRUCTION & MATERIALS

- Type of construction: spiral hose with clamping profile
- Design of the helix: metal band, formed as a clamping profile
- Material of the helix: steel strip, hot-dip galvanised
- Design of the external spiral: designed as an additional protective profile
- Execution of the wall: double-layered
- Design of the inner layer: reinforced by interwoven VA wire
- Material of the inner layer: high-temperature fabric
- Execution of the external layer: coating with heat stabilisers
- Material of the outer layer: high temperature fabric

PROPERTIES

- Chemical Properties: silicone-free
- Flexibility: very flexible
- Physical Properties: flame resistant
- Weight: medium heavy
- Pressure Resistance: moderately pressure resistant / pressure resistance depending on design, not recommended for overpressure applications
- Colour: silver grey
- Other: increased vacuum resistance due to woven-in reinforcing components

TEMPERATURE

- Temperature Range: -20 to 650 °C
- short-term maximum temperature: bis +750 °C
- proper use: the specifications apply to flue gas temperatures when used correctly with a flue gas diverter and a minimum of 50% fresh air supply at the maximum specified temperature

APPLICATIONS & INDUSTRIES

Automotive / Plant & Mechanical Engineering / Industry / aviation technology / Ventilation & Air-conditioning / Printing & Paper / Metal & Toolmaking

VARIANT SPECIFICATIONS

37 sizes · DN 50 to 900 mm

Article no.	DN (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000309:50:x	50	30	1.10	On request	0.39
000309:55:x	55	33	1.19	On request	0.34
000309:60:x	60	36	1.29	On request	0.31
000309:65:x	65	39	1.38	On request	0.29
000309:70:x	70	42	1.47	On request	0.26
000309:75:x	75	45	1.57	On request	0.25
000309:80:x	80	48	1.66	On request	0.22
000309:90:x	90	54	1.85	On request	0.21
000309:100:x	100	60	1.57	On request	0.17
000309:110:x	110	66	1.71	On request	0.14
000309:120:x	120	72	1.85	On request	0.12
000309:125:x	125	75	1.93	On request	0.10
000309:130:x	130	78	2.00	On request	0.10
000309:140:x	140	84	2.14	On request	0.09
000309:150:x	150	90	2.29	On request	0.08
000309:160:x	160	96	2.43	On request	0.07
000309:170:x	170	102	2.57	On request	0.06
000309:175:x	175	105	2.65	On request	0.06
000309:180:x	180	108	2.72	On request	0.05
000309:200:x	200	120	3.01	On request	0.04
000309:215:x	215	151	3.22	On request	0.04
000309:225:x	225	158	3.36	On request	0.03
000309:250:x	250	175	3.72	On request	0.03
000309:275:x	275	193	4.08	On request	0.02
000309:300:x	300	210	4.44	On request	0.02
000309:315:x	315	221	4.66	On request	0.02
000309:325:x	325	228	4.80	On request	0.02
000309:350:x	350	245	5.16	On request	0.02
000309:375:x	375	263	5.55	On request	0.01
000309:400:x	400	280	5.91	On request	0.01
000309:450:x	450	360	6.63	On request	0.01
000309:500:x	500	400	7.35	On request	0.01
000309:550:x	550	440	8.07	On request	0.01
000309:600:x	600	480	8.79	On request	0.01
000309:700:x	700	560	10.23	On request	0.01
000309:800:x	800	640	11.67	On request	0.01
000309:900:x	900	720	13.11	On request	0.01

 Lengths. Supplied in standard stock lengths — see flex-appeal.co.uk for available sizes.