

MASTER-CLIP HT 400

Ref 000299

Medium and high temperature hose for temperatures up to 400 °C



Hydrolysis resistant

Microbe resistant

Compressible

Very flexible

Light

Moderate

-20 to +400 °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: coated / coating with heat stabilisers
- Material of the wall: high temperature fabric / reinforced by interwoven VA wire

PROPERTIES

- Chemical Properties: silicone-free
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Weight: light
- 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 400 °C
- short-term maximum temperature: 450 °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

Industry / Ventilation & Air-conditioning / Food & Pharma / Metal & Toolmaking

VARIANT SPECIFICATIONS

39 sizes · DN 38 to 900 mm

Article no.	DN (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000299:38:x	38	23	0.50	On request	0.40
000299:40:x	40	24	0.50	On request	0.39
000299:45:x	45	27	0.50	On request	0.37
000299:50:x	50	30	0.50	On request	0.35
000299:55:x	55	33	0.60	On request	0.29
000299:60:x	60	36	0.60	On request	0.24
000299:65:x	65	39	0.70	On request	0.21
000299:70:x	70	42	0.70	On request	0.17
000299:75:x	75	45	0.80	On request	0.15
000299:80:x	80	48	0.80	On request	0.14
000299:90:x	90	54	0.80	On request	0.11
000299:100:x	100	60	0.80	On request	0.09
000299:110:x	110	66	0.90	On request	0.07
000299:120:x	120	72	0.90	On request	0.06
000299:125:x	125	75	1.00	On request	0.05
000299:130:x	130	78	1.00	On request	0.05
000299:140:x	140	84	1.00	On request	0.05
000299:150:x	150	90	1.10	On request	0.04
000299:160:x	160	96	1.10	On request	0.03
000299:170:x	170	102	1.10	On request	0.03
000299:175:x	175	105	1.30	On request	0.03
000299:180:x	180	108	1.30	On request	0.03
000299:200:x	200	120	1.50	On request	0.02
000299:215:x	215	151	1.60	On request	0.02
000299:225:x	225	158	1.80	On request	0.02
000299:250:x	250	175	2.00	On request	0.02
000299:275:x	275	193	2.40	On request	0.01
000299:300:x	300	210	2.60	On request	0.01
000299:325:x	325	228	2.80	On request	0.01
000299:350:x	350	245	3.10	On request	0.01
000299:375:x	375	263	3.60	On request	0.01
000299:400:x	400	280	3.90	On request	0.01
000299:450:x	450	360	4.50	On request	0.01
000299:500:x	500	400	5.10	On request	0.01
000299:550:x	550	440	5.80	On request	0.01
000299:600:x	600	480	6.40	On request	0.01
000299:700:x	700	560	7.50	On request	0.01
000299:800:x	800	640	8.60	On request	0.01
000299:900:x	900	720	9.80	On request	0.01

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