

Ovum Technologies

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Address: A-6, Harihar Complex, Thane, Maharashtra 421302 (India)

Master-Clip HT 300

Medium and high temperature hose up to +300°C, silicon-free, highly flexible



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- Wall: special glass fabric coating

Applications

- Machine manufacturing
- Automotive manufacturing
- Low pressure range
- Extractor units
- Exhaust gas extraction (esp. diesel engines)
- Hot air
- Smoke extractors
- Defence systems
- Aircraft manufacturing

Properties

- very good temperature resistance
- hardly inflammable / self-extinguishing
- primarily suitable as exhaust hose
- vibration-proof
- light
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- highly flexible
- silicone-free
- extremely compressable to approx. 1:6
- smallest bending radii
- hydrolysis-resistant
- No gas emission during commissioning
- UV-resistant acc. to ISO EN 105 B02
- Ozone-resistant

Temperature Range

- -20°C to +300°C for vacuum applications
- peaks to +350°C*

Product Variations (**Please replace “x” with your desired hose length.)

DN	op. pressure	vacuum	bend radius	weight/m	old article no.	**new article no.	production length	max. production length
	bar	bar	mm	kg			m	m
50	on request	0,39	30	0,4	233-050-102	000331:50:x	3-10	15
55	on request	0,32	33	0,4	233-055-102	000331:55:x	3-10	15
60	on request	0,27	36	0,5	233-060-102	000331:60:x	3-10	15
65	on request	0,23	39	0,5	233-065-102	000331:65:x	3-10	15
70	on request	0,2	42	0,5	233-070-102	000331:70:x	3-10	15
75	on request	0,18	45	0,6	233-075-102	000331:75:x	3-10	15
80	on request	0,15	48	0,6	233-080-102	000331:80:x	3-10	15
90	on request	0,12	54	0,6	233-090-102	000331:90:x	3-10	15
100	on request	0,1	60	0,6	233-100-102	000331:100:x	3-10	15
110	on request	0,08	66	0,7	233-110-102	000331:110:x	3-10	15
120	on request	0,07	72	0,7	233-120-102	000331:120:x	3-10	15
125	on request	0,06	75	0,8	233-125-102	000331:125:x	3-10	15
130	on request	0,07	78	0,8	233-130-102	000331:130:x	3-10	15
140	on request	0,05	84	0,8	233-140-102	000331:140:x	3-10	15
150	on request	0,04	90	0,9	233-150-102	000331:150:x	3-10	15
160	on request	0,09	96	0,9	233-160-102	000331:160:x	3-10	15
170	on request	0,03	102	0,9	233-170-102	000331:170:x	3-10	15
175	on request	0,03	105	1	233-175-102	000331:175:x	3-10	15
180	on request	0,03	108	1	233-180-102	000331:180:x	3-10	15
200	on request	0,03	120	1,2	233-200-102	000331:200:x	3-10	15
215	on request	0,02	151	1,3	233-215-102	000331:215:x	3-10	15
225	on request	0,02	158	1,4	233-225-102	000331:225:x	3-10	15
250	on request	0,02	175	1,6	233-250-102	000331:250:x	3-10	15
275	on request	0,01	193	1,9	233-275-102	000331:275:x	3-10	15
300	on request	0,01	210	2,1	233-300-102	000331:300:x	3-10	15
325	on request	0,01	228	2,2	233-325-102	000331:325:x	3-10	15
350	on request	0,01	245	2,5	233-350-102	000331:350:x	3-10	15
375	on request	0,01	263	2,9	233-375-102	000331:375:x	3-10	15
400	on request	0,01	280	3,1	233-400-102	000331:400:x	3-10	15
450	on request	0,01	360	3,6	233-450-102	000331:450:x	3-10	15
500	on request	0,01	400	4,1	233-500-102	000331:500:x	3-10	15
550	on request	0,01	440	4,6	233-550-102	000331:550:x	3-10	10
600	on request	0,01	480	5,1	233-600-102	000331:600:x	3-10	10
700	on request	0,01	560	6	233-700-102	000331:700:x	3-10	10
800	on request	0,01	640	6,9	233-800-102	000331:800:x	3-10	10
900	on request	0,01	720	7,8	233-900-102	000331:900:x	3-10	10

All data refers to a medium and ambient temperature of +20 °C.
* Refers to the inner hose lining
Subject to technical changes and colour deviations.



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