

Master-Clip KAPTON®

Article Master No.: 000365

Medium and high temperature hose for temperatures up to +400°C, excellent chemical resistance



hydrolysis
resistant



microbe
resistant



flame retardant



compressible



very flexible



light



moderately
pressure
resistant

Product Details

Construction / Material

- 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: one side laminated / lamination of KAPTON®
- Material of the wall: glass fabric

Properties

- Chemical Properties: very good resistance to chemicals
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: outside white, inside yellow-gold
- Other: resistance to chemicals is comparable to Master-Clip PTFE tubing, but over a much wider temperature range / good vacuum resistance / high gas tightness in the vacuum and low pressure range

Operating Temperature

- Temperature Range: -260 to 400 °C

- proper use: for flue gas temperatures $>+250$ °C, suitable only for negative pressure applications with a minimum fresh air supply of 50% at the maximum specified temperature

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Automotive / Industry / Chemistry

Customizing Options

- optional item modification (on request): other lengths / other nominal widths / with stainless steel spiral

Article Variants

Extended Article Number	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Length (standard lengths available for order) m
000365:50:x	000365	50	30	0.80	0.90	0.37	15.00	3 / 6 / 10
000365:55:x	000365	55	33	0.80	0.82	0.33	15.00	3 / 6 / 10
000365:60:x	000365	60	36	0.80	0.70	0.30	15.00	3 / 6 / 10
000365:65:x	000365	65	39	0.90	0.63	0.28	15.00	3 / 6 / 10
000365:70:x	000365	70	42	0.90	0.55	0.25	15.00	3 / 6 / 10
000365:75:x	000365	75	45	0.90	0.50	0.24	15.00	3 / 6 / 10
000365:80:x	000365	80	48	1.00	0.45	0.21	15.00	3 / 6 / 10
000365:90:x	000365	90	54	1.00	0.40	0.20	15.00	3 / 6 / 10
000365:100:x	000365	100	60	1.00	0.35	0.16	15.00	3 / 6 / 10
000365:110:x	000365	110	66	1.10	0.30	0.13	15.00	3 / 6 / 10
000365:120:x	000365	120	72	1.10	0.28	0.11	15.00	3 / 6 / 10
000365:125:x	000365	125	75	1.30	0.27	0.10	15.00	3 / 6 / 10
000365:130:x	000365	130	78	1.30	0.26	0.09	15.00	3 / 6 / 10
000365:140:x	000365	140	84	1.30	0.20	0.08	15.00	3 / 6 / 10
000365:150:x	000365	150	90	1.40	0.17	0.07	15.00	3 / 6 / 10
000365:160:x	000365	160	96	1.40	0.16	0.06	15.00	3 / 6 / 10
000365:170:x	000365	170	102	1.40	0.16	0.06	15.00	3 / 6 / 10
000365:175:x	000365	175	105	1.60	0.15	0.05	15.00	3 / 6 / 10
000365:180:x	000365	180	108	1.60	0.13	0.05	15.00	3 / 6 / 10
000365:200:x	000365	200	120	1.80	0.12	0.04	15.00	3 / 6 / 10
000365:215:x	000365	215	151	2.00	0.12	0.04	15.00	3 / 6 / 10
000365:225:x	000365	225	158	2.20	0.11	0.03	15.00	3 / 6 / 10
000365:250:x	000365	250	175	2.50	0.10	0.03	15.00	3 / 6 / 10
000365:275:x	000365	275	193	2.90	0.09	0.02	15.00	3 / 6 / 10
000365:300:x	000365	300	210	3.20	0.08	0.02	15.00	3 / 6 / 10
000365:315:x	000365	315	221	3.30	0.07	0.02	15.00	3 / 6 / 10
000365:325:x	000365	325	228	3.50	0.06	0.02	15.00	3 / 6 / 10
000365:350:x	000365	350	245	3.90	0.05	0.01	15.00	3 / 6 / 10
000365:375:x	000365	375	263	4.40	0.04	0.01	15.00	3 / 6 / 10
000365:400:x	000365	400	280	4.90	0.04	0.01	15.00	3 / 6 / 10

Extended Article Number	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Length (standard lengths available for order) m
000365:450:x	000365	450	360	5.70	0.03	0.01	15,00	3 / 6 / 10
000365:500:x	000365	500	400	6.50	0.03	0.01	15,00	3 / 6 / 10
000365:550:x	000365	550	440	7.30	0.03	0.01	15,00	3 / 6 / 10
000365:600:x	000365	600	480	8.20	0.02	0.01	15,00	3 / 6 / 10
000365:700:x	000365	700	560	9.60	0.01	0.01	15,00	3 / 6 / 10
000365:800:x	000365	800	640	11.00	0.01	0.01	15,00	3 / 6 / 10
000365:900:x	000365	900	720	12.50	0.01	0.01	15,00	3 / 6 / 10

All data refer to a medium and ambient temperature of +20°C.
Specification of the bending radius related to the inside of the hose bend
Subject to technical changes and colour deviations

Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

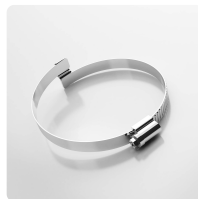
Suitable for the product



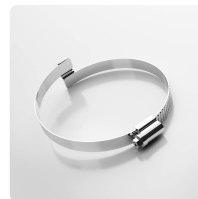
Hose connector
Sheet steel connector for extending, connecting and joining light to medium-weight hoses



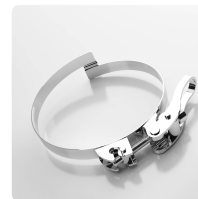
Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



Clip-Grip Hose Clamp, screwable
Screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Quick-Fix Clamp
Special clamp for attaching all hose types from the Master-Clip series to mobile and stationary units.

Individual consultation

We offer consultation by phone:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

