



## 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 - 400

## 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
000365:50:x	000365	50	30	0.80	0.90	0.37	15.00
000365:55:x	000365	55	33	0.80	0.82	0.33	15.00
000365:60:x	000365	60	36	0.80	0.70	0.30	15.00
000365:65:x	000365	65	39	0.90	0.63	0.28	15.00
000365:70:x	000365	70	42	0.90	0.55	0.25	15.00
000365:75:x	000365	75	45	0.90	0.50	0.24	15.00
000365:80:x	000365	80	48	1.00	0.45	0.21	15.00
000365:90:x	000365	90	54	1.00	0.40	0.20	15.00
000365:100:x	000365	100	60	1.00	0.35	0.16	15.00
000365:110:x	000365	110	66	1.10	0.30	0.13	15.00
000365:120:x	000365	120	72	1.10	0.28	0.11	15.00
000365:125:x	000365	125	75	1.30	0.27	0.10	15.00
000365:130:x	000365	130	78	1.30	0.26	0.09	15.00
000365:140:x	000365	140	84	1.30	0.20	0.08	15.00
000365:150:x	000365	150	90	1.40	0.17	0.07	15.00
000365:160:x	000365	160	96	1.40	0.16	0.06	15.00
000365:170:x	000365	170	102	1.40	0.16	0.06	15.00
000365:175:x	000365	175	105	1.60	0.15	0.05	15.00
000365:180:x	000365	180	108	1.60	0.13	0.05	15.00
000365:200:x	000365	200	120	1.80	0.12	0.04	15.00
000365:215:x	000365	215	151	2.00	0.12	0.04	15.00
000365:225:x	000365	225	158	2.20	0.11	0.03	15.00
000365:250:x	000365	250	175	2.50	0.10	0.03	15.00
000365:275:x	000365	275	193	2.90	0.09	0.02	15.00
000365:300:x	000365	300	210	3.20	0.08	0.02	15.00
000365:315:x	000365	315	221	3.30	0.07	0.02	15.00
000365:325:x	000365	325	228	3.50	0.06	0.02	15.00
000365:350:x	000365	350	245	3.90	0.05	0.01	15.00
000365:375:x	000365	375	263	4.40	0.04	0.01	15.00
000365:400:x	000365	400	280	4.90	0.04	0.01	15.00
000365:450:x	000365	450	360	5.70	0.03	0.01	15.00
000365:500:x	000365	500	400	6.50	0.03	0.01	15.00
000365:550:x	000365	550	440	7.30	0.03	0.01	15.00
000365:600:x	000365	600	480	8.20	0.02	0.01	15.00

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
000365:700:x	000365	700	560	9.60	0.01	0.01	15.00
000365:800:x	000365	800	640	11.00	0.01	0.01	15.00
000365:900:x	000365	900	720	12.50	0.01	0.01	15.00

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.

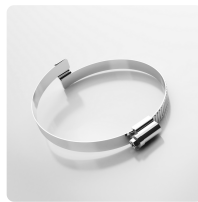
## Possible Connection Elements



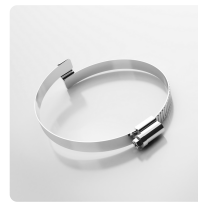
**Hose connector**  
Sheet steel connector for extending, connecting and joining light to medium-weight hoses



**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](http://masterflex.de/en)

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