

## Master-PVC L

Article Master No.: 000225

PVC Suction hose & Transport hose, light duty, highly flexible



hydrolysis  
resistant



microbe  
resistant



flame  
retardant



flexible



light



moderately  
pressure  
resistant

### Product Details

#### Construction / Material

- Type of construction: Profile extruded hose with metal spiral
- Spiral Design: made of steel wire
- Material of the spiral: Spring steel
- Execution of the wall: Wall thickness between the spirals approx. 0.7 mm
- Material of the wall: soft PVC

#### Properties

- Specifications of the product: RoHS-compliant
- Chemical Properties: good resistance to oil, good resistance to chemicals, good resistance to alkaline solutions, good resistance to acids
- Flexibility: flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: grey

#### Operating Temperature

- Temperature Range: -20 - 70
- short-term maximum temperature: peaks to 80 °C

## Delivery Information

- Delivery, type of production: Various nominal widths in standard lengths are available ex-production, individual nominal widths and lengths also ex-stock

## Application Areas

- Areas of application: Automotive, Plant & Mechanical Engineering, Robotics & Automation, Ventilation & air-conditioning, Bulk & Construction, Chemistry, Food & Pharma, Plastics, Conveying, lifting & feeding technology, Cable manufacturers

## Customizing Options

- optional item modification (on request): other colours, other lengths, other nominal widths, with customer-specific imprint

## Article Variants

Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000225:38:x	000225	38	46	46	0.41	0.84	0.66	25.00	
000225:40:x	000225	40	48	48	0.42	0.84	0.66	25.00	
000225:45:x	000225	45	53	53	0.44	0.74	0.59	25.00	
000225:50:x	000225	50	57	57	0.47	0.68	0.53	25.00	
000225:51:x	000225	51	58	58	0.48	0.67	0.52	25.00	5, 10, 15
000225:55:x	000225	55	63	63	0.54	0.62	0.44	25.00	
000225:60:x	000225	60	68	68	0.56	0.56	0.44	25.00	5, 10
000225:65:x	000225	65	73	73	0.68	0.50	0.37	25.00	
000225:70:x	000225	70	78	78	0.72	0.45	0.37	25.00	
000225:75:x	000225	75	83	83	0.75	0.45	0.30	25.00	
000225:76:x	000225	76	84	84	0.76	0.45	0.29	25.00	5, 10
000225:80:x	000225	80	88	88	0.80	0.39	0.29	25.00	5, 10, 15
000225:90:x	000225	90	99	99	0.93	0.34	0.22	25.00	
000225:100:x	000225	100	108	108	0.99	0.34	0.22	25.00	
000225:102:x	000225	102	110	110	1.00	0.34	0.22	25.00	5, 10
000225:110:x	000225	110	119	119	1.09	0.28	0.22	25.00	5, 10
000225:115:x	000225	115	124	124	1.12	0.28	0.22	25.00	
000225:120:x	000225	120	129	129	1.18	0.28	0.22	25.00	5, 10
000225:125:x	000225	125	133	133	1.23	0.28	0.22	25.00	
000225:127:x	000225	127	135	135	1.25	0.28	0.22	25.00	
000225:130:x	000225	130	139	139	1.27	0.22	0.22	25.00	
000225:140:x	000225	140	149	149	1.46	0.22	0.15	25.00	
000225:150:x	000225	150	159	159	1.54	0.22	0.15	25.00	
000225:152:x	000225	152	161	161	1.56	0.22	0.15	25.00	5, 10
000225:160:x	000225	160	170	170	1.84	0.22	0.15	25.00	5, 10
000225:170:x	000225	170	180	180	1.90	0.17	0.15	25.00	
000225:175:x	000225	175	185	185	1.95	0.17	0.15	25.00	
000225:180:x	000225	180	190	190	2.01	0.17	0.15	25.00	
000225:200:x	000225	200	210	210	2.38	0.17	0.15	25.00	
000225:203:x	000225	203	214	214	2.43	0.17	0.15	25.00	5, 10

Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000225:225:x	000225	225	235	235	2.69	0.11	0.07	25.00	
000225:250:x	000225	250	256	256	3.12	0.11	0.07	25.00	5, 10
000225:254:x	000225	254	260	260	3.19	0.11	0.07	25.00	
000225:275:x	000225	275	284	284	3.28	0.11	0.07	25.00	
000225:300:x	000225	300	310	310	3.38	0.10	0.07	20.00	
000225:315:x	000225	315	325	325	3.50	0.10	0.07	20.00	
000225:325:x	000225	325	335	335	3.59	0.10	0.07	20.00	
000225:350:x	000225	350	360	360	3.80	0.05	0.07	20.00	
000225:400:x	000225	400	411	410	4.70	0.05	0.05	20.00	
000225:450:x	000225	450	461	460	5.34	0.05	0.05	20.00	
000225:500:x	000225	500	511	510	6.02	0.05	0.05	20.00	

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



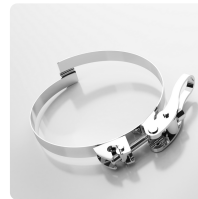
**Hose Reducer, symmetrical**  
 Hose reducer for extending, connecting and joining light to medium weight hoses



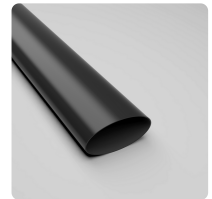
**Master-Grip Hose Clamp, screwable**  
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



**Master-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301**  
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



**Master-Grip Quick-Fix Clamp**  
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



**Heat Shrink Cuff**  
 Heat shrink sleeve for easy connection and sealing of hoses

### Individual consultation

We offer consultation by phone:  
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Product requests via  
[masterflex.de/en](http://masterflex.de/en)

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