

Master-PVC L

Article Master No.: 000225

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



hydrolysis resistant



microbe resistant



flame retardant



moderately 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: moderately 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, Wood, 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	5.00, 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	5.00, 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	5.00, 10
000225:80:x	000225	80	88	88	0.80	0.39	0.29	25.00	5.00, 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	5.00, 10
000225:110:x	000225	110	119	119	1.09	0.28	0.22	25.00	5.00, 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	5.00, 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	5.00, 10
000225:160:x	000225	160	170	170	1.84	0.22	0.15	25.00	5.00, 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	5.00, 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	5.00, 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



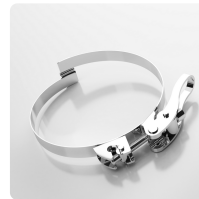
Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



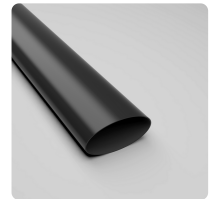
Master-Grip Hose Clamp, screwable
Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



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:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

