

## Master-PVC H

Article Master No.: 000230

PVC Suction Hose & Transport Hose, medium-weight, flexible



hydrolysis resistant



microbe resistant



flame retardant



moderately flexible



medium heavy



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. 1.4 mm
- Material of the wall: soft PVC

#### Properties

- Specifications of the product: RoHS-compliant
- Chemical Properties: good resistance to oil, good resistance to alkaline solutions, good resistance to acids
- Flexibility: moderately flexible
- Weight: medium heavy
- Pressure Resistance: moderately pressure resistant
- Colour: grey
- Other: high vacuum and good pressure resistance

#### Operating Temperature

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

### Delivery Information

### Application Areas

- Areas of application: Industry, Bulk & Construction, Sea & rail transport, Chemistry, Food & Pharma, Waste disposal & cleaning technology, Printing & Paper, Vehicle construction

### 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
000230:32:x	000230	32	41	60	0.48	1.63	0.92	25.00	
000230:38:x	000230	38	47	69	0.55	1.56	0.82	25.00	
000230:40:x	000230	40	49	72	0.56	1.50	0.82	25.00	
000230:45:x	000230	45	55	80	0.64	1.48	0.81	25.00	
000230:50:x	000230	50	60	85	0.74	1.46	0.79	25.00	
000230:51:x	000230	51	61	87	0.76	1.45	0.79	25.00	5.00, 10
000230:55:x	000230	55	65	95	0.82	1.38	0.76	25.00	
000230:60:x	000230	60	70	102	0.88	1.27	0.74	25.00	
000230:65:x	000230	65	75	110	0.96	1.20	0.66	25.00	
000230:70:x	000230	70	80	117	1.04	1.13	0.66	25.00	
000230:75:x	000230	75	86	125	1.10	1.02	0.60	25.00	
000230:76:x	000230	76	87	126	1.11	1.00	0.59	25.00	
000230:80:x	000230	80	91	132	1.20	1.00	0.59	25.00	
000230:90:x	000230	90	101	149	1.29	0.83	0.52	25.00	
000230:100:x	000230	100	110	162	1.38	0.76	0.45	25.00	
000230:102:x	000230	102	112	165	1.40	0.75	0.44	25.00	
000230:110:x	000230	110	121	179	1.50	0.68	0.44	25.00	
000230:115:x	000230	115	126	186	1.56	0.68	0.31	25.00	
000230:120:x	000230	120	131	194	1.61	0.65	0.31	25.00	
000230:125:x	000230	125	136	200	1.71	0.65	0.31	25.00	
000230:127:x	000230	127	138	203	1.75	0.65	0.31	25.00	
000230:130:x	000230	130	141	209	1.80	0.65	0.31	25.00	
000230:140:x	000230	140	151	224	1.93	0.53	0.25	25.00	
000230:150:x	000230	150	161	239	2.04	0.53	0.25	25.00	
000230:152:x	000230	152	163	242	2.06	0.53	0.25	25.00	
000230:160:x	000230	160	171	255	2.39	0.45	0.25	25.00	
000230:170:x	000230	170	181	270	2.59	0.45	0.18	25.00	
000230:175:x	000230	175	186	278	2.70	0.45	0.18	25.00	
000230:180:x	000230	180	191	285	2.80	0.38	0.18	25.00	
000230:200:x	000230	200	212	316	3.06	0.38	0.18	25.00	
000230:203:x	000230	203	215	321	3.10	0.38	0.18	25.00	
000230:225:x	000230	225	237	353	3.44	0.30	0.12	25.00	
000230:250:x	000230	250	259	385	4.12	0.30	0.12	25.00	

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
000230:254:x	000230	254	263	390	4.23	0.30	0.12	25.00	
000230:275:x	000230	275	288	426	4.93	0.28	0.12	25.00	
000230:300:x	000230	300	313	465	5.37	0.28	0.12	20.00	
000230:315:x	000230	315	328	488	5.69	0.28	0.12	20.00	
000230:325:x	000230	325	338	503	5.91	0.28	0.12	20.00	
000230:350:x	000230	350	363	540	6.66	0.28	0.12	20.00	
000230:400:x	000230	400	413	615	7.84	0.15	0.07	20.00	
000230:450:x	000230	450	463	690	9.04	0.15	0.07	20.00	
000230:500:x	000230	500	513	765	10.16	0.15	0.07	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



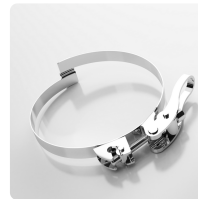
**Hose Reducer, symmetrical**  
 Hose reducer for extending, connecting and joining light to medium weight hoses



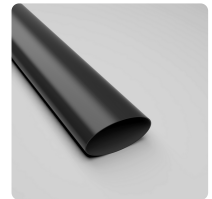
**Master-Grip Hose Clamp, screwable**  
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



**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-hand 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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