



Master-PUR H MHR

Article Master No.: 000064

PU Suction & Transport Hose, medium duty, microbe/hydrolysis-resistant

hydrolysis resistant | microbe resistant | transparent | flexible | medium heavy | 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: made of pure material, wall thickness between the spirals approx. 1.4 mm
- Material of the wall: polyether polyurethane

Properties

- Specifications of the product: complies with DIN 26057 Type III
- Chemical Properties: microbe-resistant, halogen-free, good resistance to chemicals, good UV resistance, good resistance to oil, hydrolysis resistant, good ozone resistance, plasticiser-free
- Flexibility: flexible
- Weight: medium heavy
- Pressure Resistance: pressure resistant
- Colour: transparent
- Other: high vacuum and good pressure resistance, configurable as a hose system with digital interface for compatibility with the AMPIUS® app

Operating Temperature

- Temperature Range: -40to 90°C
- short-term maximum temperature: peaks to 125 °C

Application Areas

- Areas of application: Agriculture, Industry, aviation technology, Bulk & Construction, Sea & Rail transport, Chemistry, Food & Pharma, Waste Disposal & Cleaning Technology, Textile, 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	Nominal Size (DN) in mm	Outer diameter in mm	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Max. Production length in m	Stock Lengths in m	Length (standard lengths available for order) in m
000064:16:x	16	22	40	0.20	4.50	0.92	25.00		5 / 10 / 15 / 20 / 25
000064:20:x	20	26	43	0.22	4.30	0.92	25.00		5 / 10 / 15 / 20 / 25
000064:25:x	25	32	46	0.28	4.18	0.92	25.00		5 / 10 / 15 / 20 / 25
000064:26:x	26	33	47	0.29	4.16	0.92	25.00		5 / 10 / 15 / 20 / 25
000064:32:x	32	41	60	0.39	3.25	0.92	25.00		5 / 10 / 15 / 20 / 25
000064:38:x	38	47	69	0.46	3.12	0.82	25.00		5 / 10 / 15 / 20 / 25
000064:40:x	40	49	72	0.52	3.00	0.82	25.00		5 / 10 / 15 / 20 / 25
000064:45:x	45	55	80	0.55	2.95	0.81	25.00		5 / 10 / 15 / 20 / 25
000064:50:x	50	60	86	0.68	2.91	0.79	25.00		5 / 10 / 15 / 20 / 25
000064:51:x	51	61	87	0.71	2.90	0.79	25.00		5 / 10 / 15 / 20 / 25
000064:55:x	55	65	95	0.77	2.75	0.76	25.00		5 / 10 / 15 / 20 / 25
000064:60:x	60	70	102	0.82	2.55	0.74	25.00		5 / 10 / 15 / 20 / 25
000064:65:x	65	75	112	0.91	2.40	0.66	25.00		5 / 10 / 15 / 20 / 25
000064:70:x	70	80	117	0.97	2.25	0.66	25.00		5 / 10 / 15 / 20 / 25
000064:75:x	75	86	125	1.05	2.04	0.60	25.00		5 / 10 / 15 / 20 / 25
000064:76:x	76	87	126	1.06	2.00	0.59	25.00		5 / 10 / 15 / 20 / 25
000064:80:x	80	91	132	1.11	2.00	0.59	25.00		5 / 10 / 15 / 20 / 25
000064:90:x	90	101	149	1.25	1.65	0.52	25.00		5 / 10 / 15 / 20 / 25
000064:100:x	100	110	162	1.44	1.53	0.45	25.00		5 / 10 / 15 / 20 / 25
000064:102:x	102	112	165	1.48	1.50	0.44	25.00	10	5 / 15 / 20 / 25
000064:110:x	110	121	179	1.61	1.35	0.44	25.00		5 / 10 / 15 / 20 / 25
000064:115:x	115	126	186	1.68	1.35	0.31	25.00		5 / 10 / 15 / 20 / 25
000064:120:x	120	131	194	1.75	1.30	0.31	25.00		5 / 10 / 15 / 20 / 25
000064:125:x	125	136	200	1.86	1.30	0.31	25.00		5 / 10 / 15 / 20 / 25
000064:127:x	127	138	203	1.91	1.30	0.31	25.00		5 / 10 / 15 / 20 / 25
000064:130:x	130	141	209	1.96	1.30	0.31	25.00		5 / 10 / 15 / 20 / 25
000064:140:x	140	151	224	2.02	1.05	0.25	25.00		5 / 10 / 15 / 20 / 25
000064:150:x	150	161	239	2.09	1.05	0.25	25.00		5 / 10 / 15 / 20 / 25
000064:152:x	152	163	242	2.10	1.05	0.25	25.00		5 / 10 / 15 / 20 / 25
000064:160:x	160	171	255	2.35	0.90	0.25	25.00		5 / 10 / 15 / 20 / 25
000064:170:x	170	181	270	2.67	0.90	0.18	25.00		5 / 10 / 15 / 20 / 25

Extended Article Number	Nominal Size (DN) in mm	Outer diameter in mm	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Max. Production length in m	Stock Lengths in m	Length (standard lengths available for order) in m
000064:175:x	175	186	278	2.74	0.90	0.18	25.00		5 / 10 / 15 / 20 / 25
000064:180:x	180	191	285	2.82	0.75	0.18	25.00		5 / 10 / 15 / 20 / 25
000064:200:x	200	212	316	3.41	0.75	0.18	25.00		5 / 10 / 15 / 20 / 25
000064:203:x	203	215	321	3.50	0.75	0.18	25.00		5 / 10 / 15 / 20 / 25
000064:225:x	225	237	353	3.65	0.60	0.12	25.00		5 / 10 / 15 / 20 / 25
000064:250:x	250	263	390	3.84	0.60	0.12	25.00		5 / 10 / 15 / 20 / 25
000064:254:x	254	267	396	3.84	0.58	0.12	25.00		5 / 10 / 15 / 20 / 25
000064:275:x	275	288	426	4.22	0.45	0.12	25.00		5 / 10 / 15 / 20 / 25
000064:280:x	280	293	435	4.30	0.45	0.12	25.00		5 / 10 / 15 / 20 / 25
000064:300:x	300	313	465	4.94	0.45	0.12	20.00		5 / 10 / 15 / 20
000064:315:x	315	328	488	5.19	0.45	0.12	20.00		5 / 10 / 15 / 20
000064:325:x	325	338	503	5.35	0.45	0.12	20.00		5 / 10 / 15 / 20
000064:350:x	350	363	540	6.96	0.45	0.12	20.00		5 / 10 / 15 / 20
000064:400:x	400	413	615	7.95	0.30	0.07	20.00		5 / 10 / 15 / 20
000064:450:x	450	463	690	8.94	0.30	0.07	10.00		5 / 10 / 15 / 20
000064:500:x	500	513	765	9.93	0.30	0.07	10.00		5 / 10 / 15 / 20

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



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



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



Combiflex PU Screw Cuff EC
PU end fitting for Master-PUR L/H and Master-PVC L/H hoses, electrically conductive



Combiflex PU Threaded Sockets
PU threaded connector for all Master-PUR L, Master-PUR H and Master-PUR HX hose types, based on DIN ISO 228



Individual consultation

We offer consultation by phone: **+49 209 97077 0**

Product requests via: **https://www.masterflex-slang.nl/**

Headquarters for your sales area

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