



Master-PUR H MHR

Article Master No.: 000064

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



hydrolysis
resistant



microbe
resistant



transparen
t



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, according to TRGS 727 and ATEX 2014/34 EU
- 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: -40 - 90
- short-term maximum temperature: peaks to 125 °C

Delivery Information

Application Areas

- Areas of application: Agriculture, Industry, Aerospace 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	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
000064:16:x	000064	16	22	40	0.20	4.50	0.92	25.00	/
000064:20:x	000064	20	26	43	0.22	4.30	0.92	25.00	/
000064:25:x	000064	25	32	46	0.28	4.18	0.92	25.00	/
000064:26:x	000064	26	33	47	0.29	4.16	0.92	25.00	/
000064:32:x	000064	32	41	60	0.39	3.25	0.92	25.00	/
000064:38:x	000064	38	47	69	0.46	3.12	0.82	25.00	/
000064:40:x	000064	40	49	72	0.52	3.00	0.82	25.00	/
000064:45:x	000064	45	55	80	0.55	2.95	0.81	25.00	/
000064:50:x	000064	50	60	86	0.68	2.91	0.79	25.00	/
000064:51:x	000064	51	61	87	0.71	2.90	0.79	25.00	/
000064:55:x	000064	55	65	95	0.77	2.75	0.76	25.00	/
000064:60:x	000064	60	70	102	0.82	2.55	0.74	25.00	/
000064:65:x	000064	65	75	112	0.91	2.40	0.66	25.00	/
000064:70:x	000064	70	80	117	0.97	2.25	0.66	25.00	/
000064:75:x	000064	75	86	125	1.05	2.04	0.60	25.00	/
000064:76:x	000064	76	87	126	1.06	2.00	0.59	25.00	/
000064:80:x	000064	80	91	132	1.11	2.00	0.59	25.00	/
000064:90:x	000064	90	101	149	1.25	1.65	0.52	25.00	/
000064:100:x	000064	100	110	162	1.44	1.53	0.45	25.00	/
000064:102:x	000064	102	112	165	1.48	1.50	0.44	25.00	5, 10
000064:110:x	000064	110	121	179	1.61	1.35	0.44	25.00	/
000064:115:x	000064	115	126	186	1.68	1.35	0.31	25.00	/
000064:120:x	000064	120	131	194	1.75	1.30	0.31	25.00	/
000064:125:x	000064	125	136	200	1.86	1.30	0.31	25.00	/
000064:127:x	000064	127	138	203	1.91	1.30	0.31	25.00	/
000064:130:x	000064	130	141	209	1.96	1.30	0.31	25.00	/
000064:140:x	000064	140	151	224	2.02	1.05	0.25	25.00	/
000064:150:x	000064	150	161	239	2.09	1.05	0.25	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
000064:152:x	000064	152	163	242	2.10	1.05	0.25	25.00	/
000064:160:x	000064	160	171	255	2.35	0.90	0.25	25.00	/
000064:170:x	000064	170	181	270	2.67	0.90	0.18	25.00	/
000064:175:x	000064	175	186	278	2.74	0.90	0.18	25.00	/
000064:180:x	000064	180	191	285	2.82	0.75	0.18	25.00	/
000064:200:x	000064	200	212	316	3.41	0.75	0.18	25.00	/
000064:203:x	000064	203	215	321	3.50	0.75	0.18	25.00	/
000064:225:x	000064	225	237	353	3.65	0.60	0.12	25.00	/
000064:250:x	000064	250	263	390	3.84	0.60	0.12	25.00	/
000064:254:x	000064	254	267	396	3.84	0.58	0.12	25.00	/
000064:275:x	000064	275	288	426	4.22	0.45	0.12	25.00	/
000064:280:x	000064	280	293	435	4.30	0.45	0.12	25.00	/
000064:300:x	000064	300	313	465	4.94	0.45	0.12	20.00	/
000064:315:x	000064	315	328	488	5.19	0.45	0.12	20.00	/
000064:325:x	000064	325	338	503	5.35	0.45	0.12	20.00	/
000064:350:x	000064	350	363	540	6.96	0.45	0.12	20.00	/
000064:400:x	000064	400	413	615	7.95	0.30	0.07	20.00	/
000064:450:x	000064	450	463	690	8.94	0.30	0.07	20.00	/
000064:500:x	000064	500	513	765	9.93	0.30	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.

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)).

Possible Connection Elements



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 EL
 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
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Product requests via
[masterflex.de/en](https://www.masterflex.de/en)

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