

Master-PUR H MHR A

Article Master No.: 000131

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



antistatic



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, made of specified material, Addition of a non-migrating permanent antistatic agent, Wall thickness between the spirals approx. 1.4 mm
- Material of the wall: Polyether Polyurethane
- Specifications of the wall: Surface resistance $R_0 < 10^9$ Ohm, measured according to DIN EN ISO 8031

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
- Physical Properties: permanently antistatic
- Weight: medium heavy
- Pressure Resistance: pressure resistant
- Other: high vacuum and good pressure resistance

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
000131:16:x	000131	16	22	40	0.20	4.50	0.92	25.00
000131:20:x	000131	20	26	43	0.22	4.30	0.92	25.00
000131:25:x	000131	25	32	47	0.28	4.18	0.92	25.00
000131:26:x	000131	26	33	47	0.29	4.16	0.92	25.00
000131:32:x	000131	32	41	60	0.39	3.25	0.92	25.00
000131:38:x	000131	38	47	69	0.46	3.12	0.82	25.00
000131:40:x	000131	40	49	72	0.49	3.00	0.82	25.00
000131:45:x	000131	45	55	80	0.55	2.95	0.81	25.00
000131:51:x	000131	51	61	87	0.71	2.90	0.78	25.00
000131:55:x	000131	55	65	95	0.77	2.75	0.76	25.00
000131:60:x	000131	60	70	102	0.84	2.55	0.74	25.00
000131:65:x	000131	65	75	112	0.91	2.40	0.66	25.00
000131:70:x	000131	70	80	117	0.97	2.25	0.66	25.00
000131:76:x	000131	76	87	126	1.06	2.00	0.59	25.00
000131:80:x	000131	80	91	132	1.11	2.00	0.59	25.00
000131:90:x	000131	90	101	149	1.25	1.65	0.51	25.00
000131:102:x	000131	102	112	165	1.48	1.50	0.44	25.00
000131:110:x	000131	110	121	179	1.61	1.35	0.44	25.00
000131:115:x	000131	115	126	186	1.68	1.35	0.31	25.00
000131:120:x	000131	120	131	194	1.75	1.30	0.31	25.00
000131:127:x	000131	127	138	203	1.91	1.30	0.31	25.00
000131:130:x	000131	130	141	209	1.96	1.30	0.31	25.00
000131:152:x	000131	152	163	242	2.29	1.05	0.25	25.00
000131:160:x	000131	160	171	255	2.51	0.90	0.25	25.00
000131:170:x	000131	170	181	270	2.67	0.90	0.18	25.00
000131:180:x	000131	180	191	285	2.82	0.75	0.18	25.00
000131:203:x	000131	203	215	321	3.50	0.75	0.18	25.00
000131:225:x	000131	225	237	353	3.65	0.60	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
000131:250:x	000131	250	259	385	3.81	0.60	0.12	25.00
000131:254:x	000131	254	263	390	3.84	0.60	0.12	25.00
000131:275:x	000131	275	288	426	4.22	0.45	0.12	25.00
000131:280:x	000131	280	293	435	4.30	0.45	0.12	25.00
000131:300:x	000131	300	313	465	4.94	0.45	0.12	20.00
000131:315:x	000131	315	328	488	5.19	0.45	0.12	20.00
000131:325:x	000131	325	338	503	5.35	0.45	0.12	20.00
000131:350:x	000131	350	363	540	6.96	0.45	0.12	20.00
000131:375:x	000131	375	388	580	7.45	0.30	0.07	20.00
000131:400:x	000131	400	413	615	7.95	0.30	0.07	20.00
000131:450:x	000131	450	463	690	8.94	0.30	0.07	20.00
000131:500:x	000131	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.

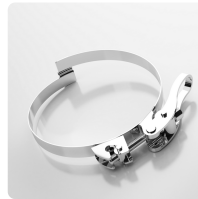
Possible Connection Elements



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



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 phone:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

