

2

Suction & Transport Hoses made from PVC/EVA

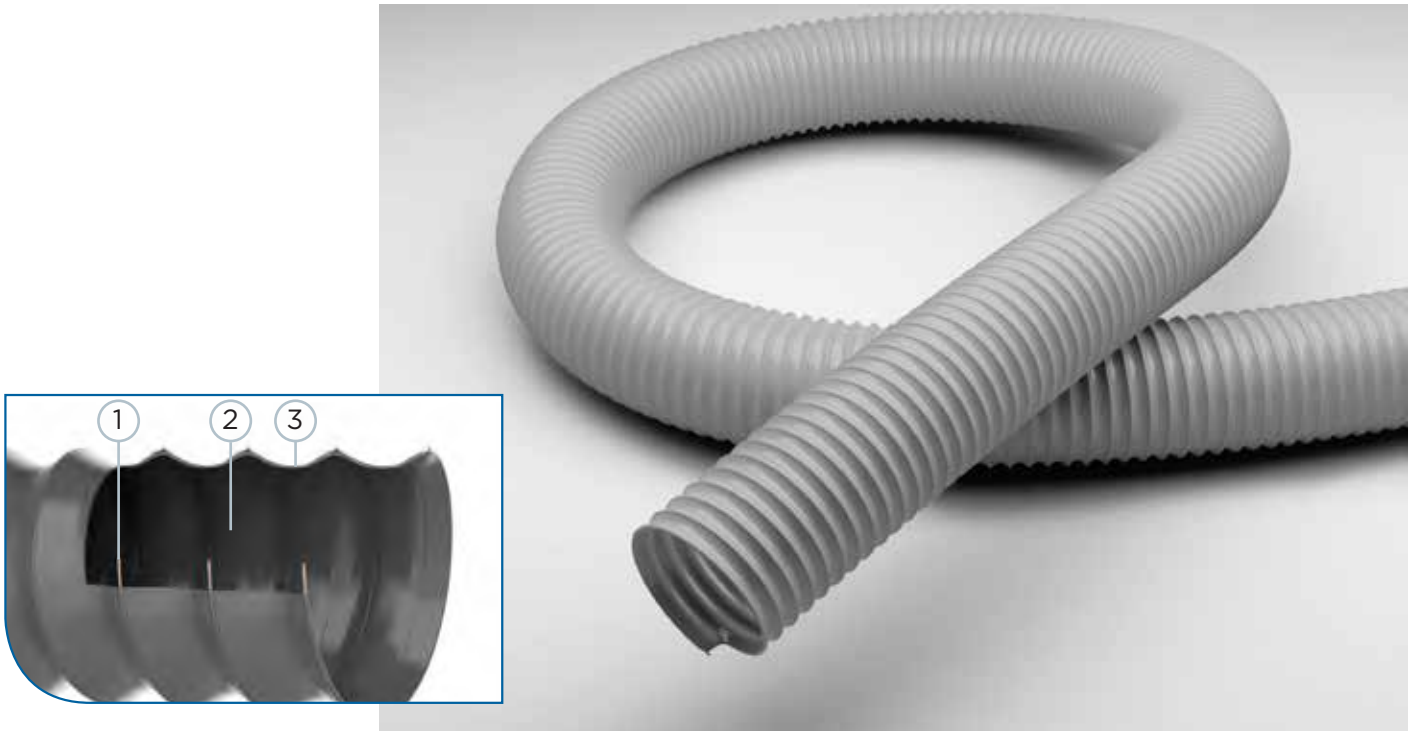
Suction & transport hoses made from PVC offer good chemical resistance. Hoses made from EVA are very lightweight, robust and crush-resistant



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Master-PVC LF

PVC Film/Foil Hose, light, highly flexible



Material

- ① spiral: spring steel wire, plastic-coated
- ② wall: soft PVC
- ③ film thickness between spirals approx. 0.5 - 0.8 mm, dep. on DN size

Applications

- protective hose
- liquid drainage
- suction and transport hose for solid, liquid and gaseous media
- ventilation and air-conditioning systems
- dust removal
- apparatus construction
- spinning fibre extraction
- transport of fine-grained particles, such as dust and powder

Available on request

- available on request in other lengths, sizes and colours, with print.

Properties

- good oil/alkali/acid resistance
- good chemical resistance
- light
- very good flexibility
- smallest bending radii
- optimum flow characteristics
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

Temperature Range

- -20°C to +70°C
- peaks to +80°C

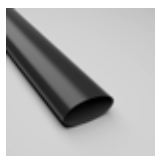


Stock lengths and technical data / www.masterflex.de/en

DN	op. pressure bar	vacuum bar	bend radius mm	outer Ø mm	weight/m kg	article no	max. production length m
20	1,9	0,54	20	24	0,14	662-020-102	25
22	1,8	0,49	22	26	0,15	662-022-102	25
26	1,7	0,47	25	30	0,17	662-026-102	25
28	1,65	0,44	28	33	0,19	662-028-102	25
30	1,6	0,44	30	35	2,05	662-030-102	25
32	1,55	0,4	32	37	0,22	662-032-102	25
38	1,43	0,33	38	43	0,25	662-038-102	25
40	1,4	0,29	40	45	0,26	662-040-102	25
45	1,32	0,28	45	50	0,28	662-045-102	25
51	1,3	0,27	51	57	0,34	662-051-102	25
55	1,2	0,25	55	61	0,46	662-055-102	25
60	1,1	0,25	60	66	0,52	662-060-102	25
65	1	0,22	65	71	0,46	662-065-102	25
70	0,9	0,22	70	76	0,58	662-070-102	25
76	0,79	0,2	76	82	0,65	662-076-102	25
80	0,77	0,18	80	86	0,66	662-080-102	25
90	0,7	0,17	90	96	0,75	662-090-102	25
102	0,59	0,15	102	109	0,84	662-102-102	25
110	0,57	0,14	110	117	0,89	662-110-102	25
115	0,51	0,14	115	122	0,94	662-115-102	25
120	0,45	0,13	120	127	0,97	662-120-102	25
127	0,38	0,12	127	134	1,04	662-127-101	25
130	0,35	0,12	130	137	1,05	662-130-102	25
140	0,3	0,11	140	147	1,13	662-140-102	25
152	0,25	0,1	168	159	1,32	662-152-102	25
160	0,25	0,1	240	168	1,64	662-160-102	25
170	0,25	0,1	255	178	1,74	662-170-102	25
175	0,25	0,1	265	183	1,9	662-175-102	25
180	0,22	0,1	285	188	1,95	662-180-102	25
203	0,2	0,1	305	211	2,19	662-203-102	25
215	0,2	0,09	325	223	2,25	662-215-102	25
225	0,15	0,08	340	233	2,31	662-225-102	25
254	0,12	0,07	380	263	2,6	662-254-102	25
300	0,08	0,06	450	309	3,07	662-300-102	25
315	0,08	0,05	475	324	3,28	662-315-102	25
325	0,08	0,05	490	334	3,33	662-325-102	25
350	0,06	0,04	525	359	3,58	662-350-102	25
400	0,05	0,02	600	409	4,1	662-400-102	25

All data refers to a medium and ambient temperature of +20 °C.
 * Refers to the inner hose lining
 Subject to technical changes and colour deviations.

**Please note the changed article numbers.
 The new article numbers can be found in the online product data sheets.**



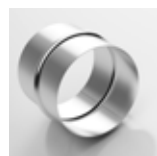
Heat-Shrink Cuff



Master-Grip Hose Clamp, screwable



Master-Grip Quick-Fix Clamp



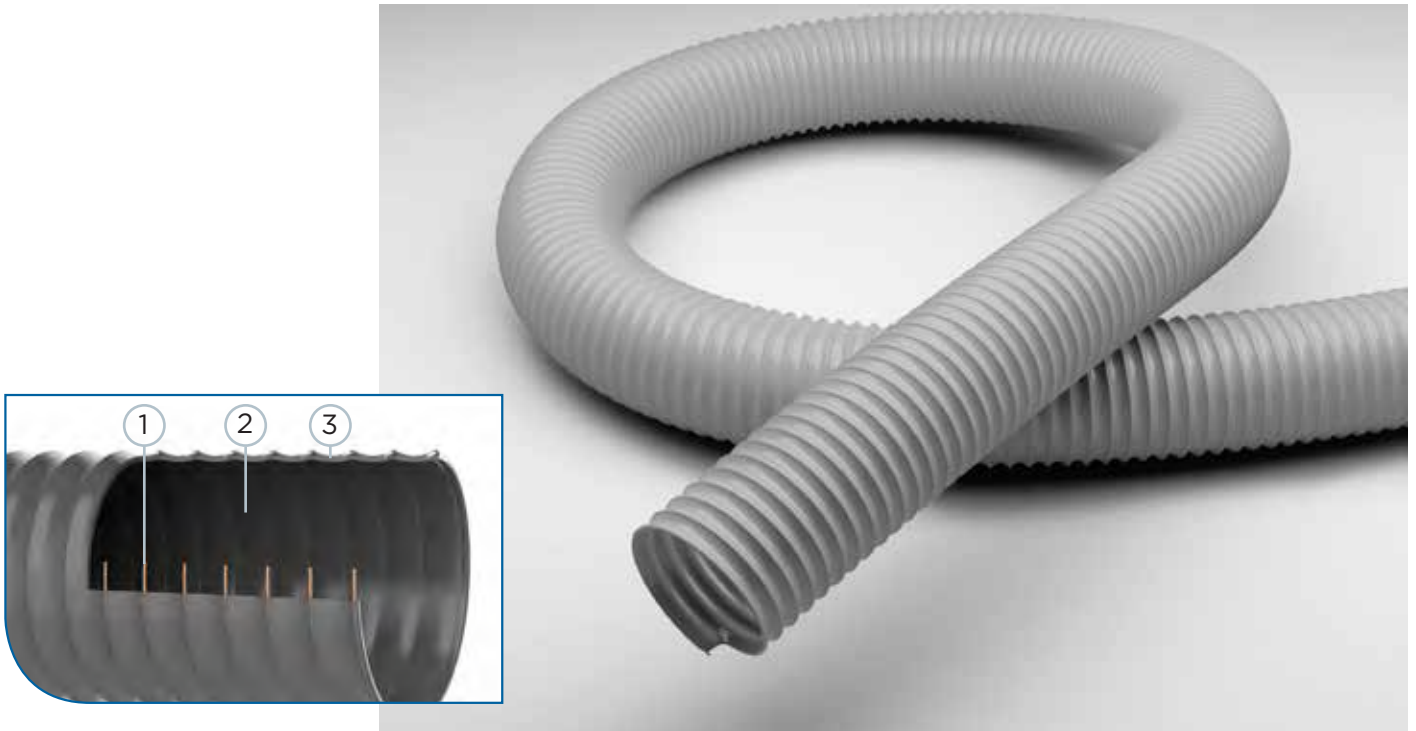
Hose Connector



Hose Reducer, symmetrical

Master PVC-L

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



Material

- ① spiral: spring steel wire
- ② wall: soft PVC
- ③ wall thickness between spirals approx. 0.7 mm

Applications

- protective hose
- liquid drainage
- suction and transport hose for solid, liquid and gaseous media
- ventilation and air-conditioning systems
- transport of fine-grained particles, such as dust and powder

Available on request

- available on request in other lengths, sizes and colours, with print.

Properties

- good oil/alkali/acid resistance
- light
- very good flexibility
- smallest bending radii
- RoHs compliant
- optimum flow characteristics
- good chemical resistance
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

Temperature Range

- -20°C to +70°C
- peaks to +80°C



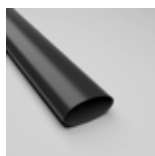
Stock lengths and technical data / www.masterflex.de/en

DN	op. pressure bar	vacuum bar	bend radius mm	outer Ø mm	weight/m kg	article no	max. production length m
38	0,84	0,66	46	46	0,41	140-038-102	25
40	0,84	0,66	48	48	0,42	140-040-102	25
45	0,74	0,59	53	53	0,44	140-045-102	25
50	0,68	0,53	57	57	0,47	140-050-102	25
51	0,67	0,52	58	58	0,48	140-051-102	25
55	0,62	0,44	63	63	0,54	140-055-102	25
60	0,56	0,44	68	68	0,56	140-060-102	25
65	0,5	0,37	73	73	0,68	140-065-102	25
70	0,45	0,37	78	78	0,72	140-070-102	25
75	0,45	0,3	83	83	0,75	140-075-102	25
76	0,45	0,29	84	84	0,76	140-076-102	25
80	0,39	0,29	88	88	0,8	140-080-102	25
90	0,34	0,22	99	99	0,93	140-090-102	25
100	0,34	0,22	108	108	0,99	140-100-102	25
102	0,34	0,22	110	110	1	140-102-102	25
110	0,28	0,22	119	119	1,09	140-110-102	25
115	0,28	0,22	124	124	1,12	140-115-102	25
120	0,28	0,22	129	129	1,18	140-120-102	25
125	0,28	0,22	133	133	1,23	140-125-102	25
127	0,28	0,22	135	135	1,25	140-127-102	25
130	0,22	0,22	139	139	1,27	140-130-102	25
140	0,22	0,15	149	149	1,46	140-140-102	25
150	0,22	0,15	159	159	1,54	140-150-102	25
152	0,22	0,15	161	161	1,56	140-152-102	25
160	0,22	0,15	170	170	1,84	140-160-102	25
170	0,17	0,15	180	180	1,9	140-170-102	25
175	0,17	0,15	185	185	1,95	140-175-102	25
180	0,17	0,15	190	190	2,01	140-180-102	25
200	0,17	0,15	210	210	2,38	140-200-102	25
203	0,17	0,15	214	214	2,43	140-203-102	25
225	0,11	0,07	235	235	2,69	140-225-102	25
250	0,11	0,07	256	256	3,12	140-250-102	25
254	0,11	0,07	260	260	3,19	140-254-102	25
275	0,11	0,07	284	284	3,28	140-275-102	25
300	0,1	0,07	310	310	3,38	140-300-102	20
315	0,1	0,07	325	325	3,5	140-315-102	20
325	0,1	0,07	335	335	3,59	140-325-102	20
350	0,05	0,07	360	360	3,8	140-350-102	20
400	0,05	0,05	410	411	4,7	140-400-102	20
450	0,05	0,05	460	461	5,34	140-450-102	20
500	0,05	0,05	510	511	6,02	140-500-102	20

All data refers to a medium and ambient temperature of +20 °C.
 * Refers to the inner hose lining
 Subject to technical changes and colour deviations.

Please note the changed article numbers.

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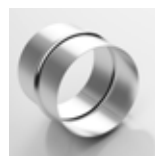
Heat-Shrink Cuff



Master-Grip Hose Clamp, screwable



Master-Grip Quick-Fix Clamp



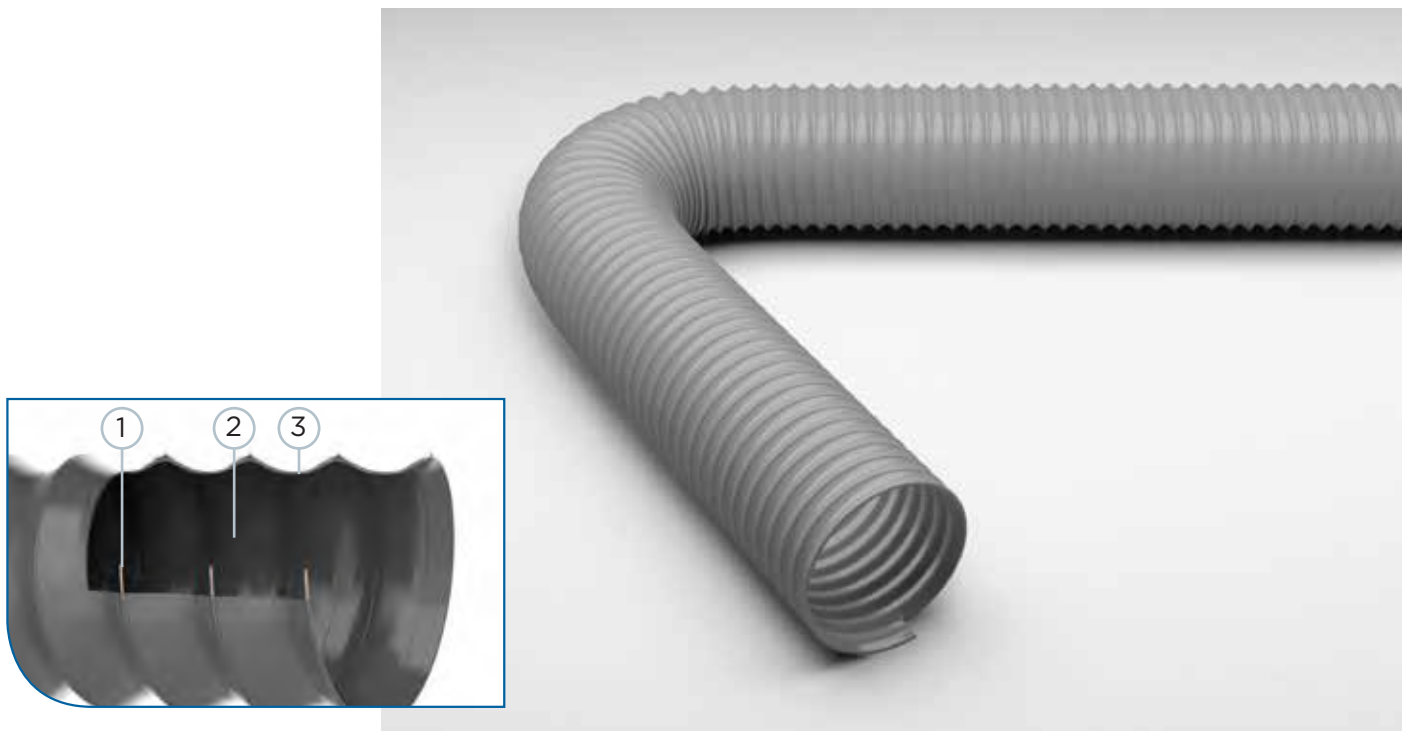
Hose Connector



Hose Reducer, symmetrical

Master-PVC HF

PVC Film/Foil Hose, medium-weight, flexible



Material

- 1 spiral: spring steel wire, plastic-coated
- 2 wall: soft PVC
- 3 Film thickness between spirals approx. 1.2 - 1.5mm, dep. on DN size

Applications

- protective hose
- liquid drainage
- suction and transport hose for solid, liquid and gaseous media
- ventilation and air-conditioning systems
- dust removal
- apparatus construction
- spinning fibre extraction
- transport of fine-grained particles, such as dust and powder

Available on request

- available on request in other lengths, sizes and colours, with print.

Properties

- small bending radii
- good flexibility
- medium duty
- good oil/alkali/acid resistance
- increased pressure and vacuum resistance
- optimum flow characteristics
- good chemical resistance
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

Temperature Range

- -20°C to +70°C
- peaks to +80°C



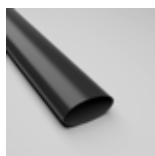
Stock lengths and technical data / www.masterflex.de/en

DN	op. pressure bar	vacuum bar	bend radius mm	outer Ø mm	weight/m kg	article no	max. production length m
20	2,4	0,83	30	27	0,24	663-020-102	25
22	2,4	0,83	33	29	0,27	663-022-102	25
26	2,4	0,8	39	33	0,31	663-026-102	25
28	2,3	0,8	42	35	0,34	663-028-102	25
30	2,2	0,79	45	37	0,37	663-030-102	25
32	2,2	0,79	48	39	0,39	663-032-102	25
38	2,15	0,64	57	45	0,46	663-038-102	25
40	2,1	0,59	60	48	0,48	663-040-102	25
45	2	0,49	68	53	0,54	663-045-102	25
51	1,87	0,38	76	59	0,62	663-051-102	25
55	1,75	0,34	83	63	0,67	663-055-102	25
60	1,6	0,34	90	68	0,73	663-060-102	25
65	1,5	0,32	98	73	0,79	663-065-102	25
70	1,3	0,29	105	78	0,85	663-070-102	25
76	1,24	0,29	114	84	0,92	663-076-102	25
80	1,2	0,29	120	88	0,97	663-080-102	25
90	1,1	0,25	135	98	1,09	663-090-102	25
102	0,98	0,25	153	111	1,26	663-102-102	25
110	0,9	0,25	165	119	1,28	663-110-102	25
115	0,85	0,2	173	124	1,34	663-115-102	25
120	0,8	0,2	180	129	1,4	663-120-102	25
127	0,73	0,19	189	136	1,47	663-127-102	25
130	0,7	0,18	195	139	1,51	663-130-102	25
140	0,6	0,18	210	151	1,83	663-140-102	25
152	0,48	0,18	228	163	1,97	663-152-102	25
160	0,4	0,16	240	171	2,09	663-160-102	25
170	0,35	0,16	255	181	2,22	663-170-102	25
175	0,35	0,16	260	186	2,26	663-175-102	25
180	0,35	0,15	270	191	2,35	663-180-102	25
203	0,29	0,14	305	214	2,73	663-203-102	25
215	0,25	0,12	323	227	3,16	663-215-102	25
225	0,2	0,12	338	237	3,3	663-225-102	25
300	0,15	0,1	450	312	4,41	663-300-102	15
315	0,15	0,1	473	327	4,63	663-315-102	15
325	0,1	0,09	488	337	4,77	663-325-102	15
350	0,1	0,09	525	362	5,14	663-350-102	15
400	0,1	0,08	600	412	5,87	663-400-102	15
500	0,05	0,03	750	512	7,34	663-500-102	15

All data refers to a medium and ambient temperature of +20 °C.
 * Refers to the inner hose lining
 Subject to technical changes and colour deviations.

Please note the changed article numbers.

The new article numbers can be found in the online product data sheets.



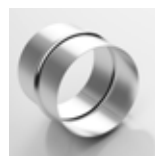
Heat-Shrink Cuff



Master-Grip Hose Clamp, screwable



Master-Grip Quick-Fix Clamp



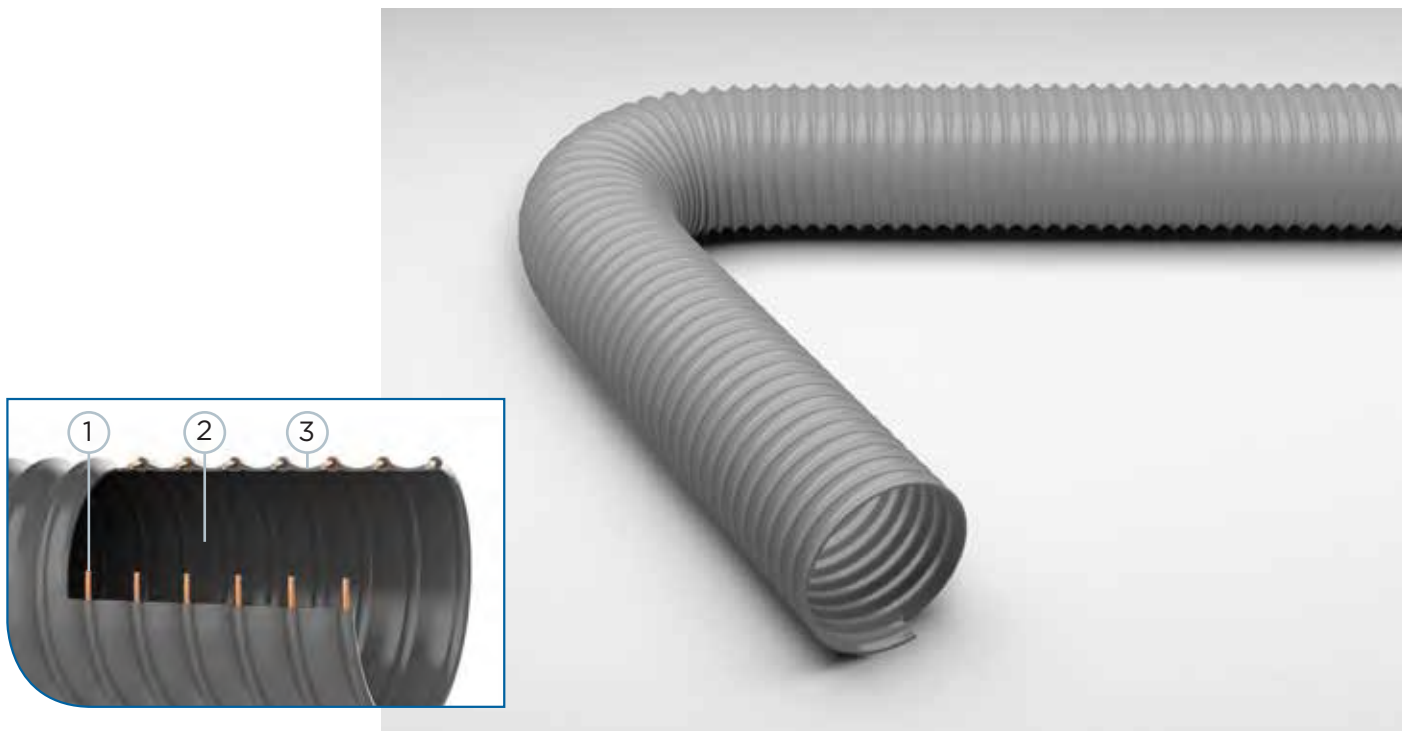
Hose Connector



Hose Reducer, symmetrical

Master-PVC H

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



Material

- ① spiral: spring steel wire
- ② wall: soft PVC
- ③ wall thickness between spirals approx. 1.4 mm

Applications

- protective hose
- liquid drainage
- suction and transport hose for solid, liquid and gaseous media
- ventilation and air-conditioning systems
- transport of fine-grained particles, such as dust and powder

Available on request

- available on request in other lengths, sizes and colours, with print.

Properties

- small bending radii
- good flexibility
- medium duty
- good oil/alkali/acid resistance
- increased pressure and vacuum resistance
- RoHs compliant
- good chemical resistance
- optimum flow characteristics
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

Temperature Range

- -20°C to +70°C
- peaks to +80°C



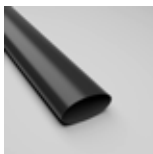
Stock lengths and technical data / www.masterflex.de/en

DN	op. pressure bar	vacuum bar	bend radius mm	outer Ø mm	weight/m kg	article no	max. production length m
32	1,63	0,92	60	41	0,48	141-032-102	25
38	1,56	0,82	69	47	0,55	141-038-102	25
40	1,5	0,82	72	49	0,56	141-040-102	25
45	1,48	0,81	80	55	0,64	141-045-102	25
50	1,46	0,79	85	60	0,74	141-050-102	25
51	1,45	0,79	87	61	0,76	141-051-102	25
55	1,38	0,76	95	65	0,82	141-055-102	25
60	1,27	0,74	102	70	0,88	141-060-102	25
65	1,2	0,66	110	75	0,96	141-065-102	25
70	1,13	0,66	117	80	1,04	141-070-102	25
75	1,02	0,6	125	86	1,1	141-075-102	25
76	1	0,59	126	87	1,11	141-076-102	25
80	1	0,59	132	91	1,2	141-080-102	25
90	0,83	0,52	149	101	1,29	141-090-102	25
100	0,76	0,45	162	110	1,38	141-100-102	25
102	0,75	0,44	165	112	1,4	141-102-102	25
110	0,68	0,44	179	121	1,5	141-110-102	25
115	0,68	0,31	186	126	1,56	141-115-102	25
120	0,65	0,31	194	131	1,61	141-120-102	25
125	0,65	0,31	200	136	1,71	141-125-102	25
127	0,65	0,31	203	138	1,75	141-127-102	25
130	0,65	0,31	209	141	1,8	141-130-102	25
140	0,53	0,25	224	151	1,93	141-140-102	25
150	0,53	0,25	239	161	2,04	141-150-102	25
152	0,53	0,25	242	163	2,06	141-152-102	25
160	0,45	0,25	255	171	2,39	141-160-102	25
170	0,45	0,18	270	181	2,59	141-170-102	25
175	0,45	0,18	278	186	2,7	141-175-102	25
180	0,38	0,18	285	191	2,8	141-180-102	25
200	0,38	0,18	316	212	3,06	141-200-102	25
203	0,38	0,18	321	215	3,1	141-203-102	25
225	0,3	0,12	353	237	3,44	141-225-102	25
250	0,3	0,12	385	259	4,12	141-250-102	25
254	0,3	0,12	390	263	4,23	141-254-102	25
275	0,28	0,12	426	288	4,93	141-275-102	25
300	0,28	0,12	465	313	5,37	141-300-102	20
315	0,28	0,12	488	328	5,69	141-315-102	20
325	0,28	0,12	503	338	5,91	141-325-102	20
350	0,28	0,12	540	363	6,66	141-350-102	20
400	0,15	0,07	615	413	7,84	141-400-102	20
450	0,15	0,07	690	463	9,04	141-450-102	20
500	0,15	0,07	765	513	10,16	141-500-102	20

All data refers to a medium and ambient temperature of +20 °C.
 * Refers to the inner hose lining
 Subject to technical changes and colour deviations.

Please note the changed article numbers.

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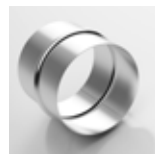
Heat-Shrink Cuff



Master-Grip Hose Clamp, screwable



Master-Grip Quick-Fix Clamp



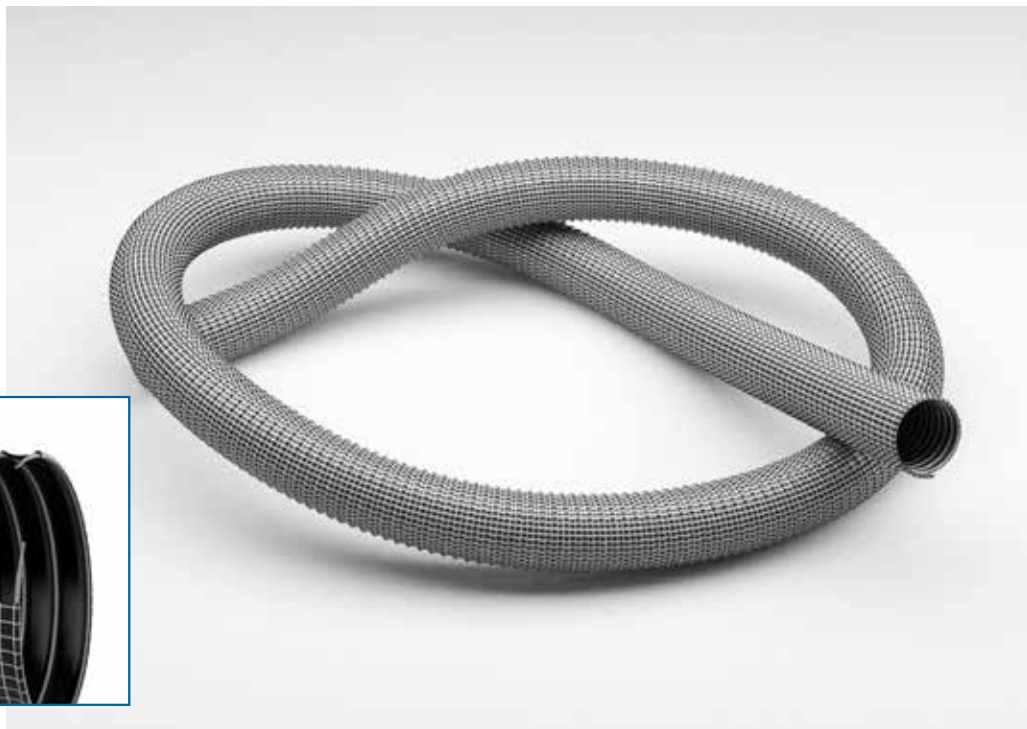
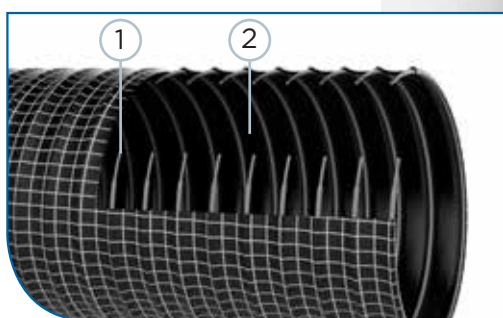
Hose Connector



Hose Reducer, symmetrical

Master-PVC Flex

PVC Suction & Transport Hose, light, highly flexible, reinforced



Material

- ① spiral: spring steel wire, plastic-coated
- ② wall: double-layered soft PVC with strand reinforcements

Applications

- protective hose
- suction and transport hose for solid, liquid and gaseous media
- ventilation and air-conditioning systems
- boat and caravan manufacturing
- household and industrial vacuum cleaners
- welding fume extraction
- textile industry
- construction drying
- machine manufacturing
- transport of fine-grained particles, such as dust and powder

Available on request

- available on request in other lengths, sizes and colours, with print.

Properties

- super lightweight
- mostly smooth inner lining
- highly flexible
- good oil/alkali/acid resistance
- smallest bending radii
- RoHs compliant
- good chemical resistance

Temperature Range

- 0°C to +70°C
- peaks to +85°C



Stock lengths and technical data / www.masterflex.de/en

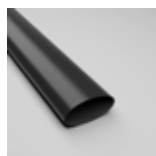
DN	op. pressure bar	vacuum bar	bend radius mm	outer Ø mm	weight/m kg	article no	max. production length m
25	1	0,39	25	30	0,22	671-025-107	15
28	1	0,34	28	33	0,24	671-028-107	15
32	1	0,34	32	37	0,27	671-032-107	15
38	0,95	0,29	38	43	0,37	671-038-107	15
41	0,95	0,29	41	46	0,4	671-041-107	15
44	0,9	0,28	44	50	0,43	671-044-107	15
51	0,9	0,28	51	57	0,49	671-051-107	15
63	0,8	0,25	63	69	0,61	671-063-107	15
70	0,8	0,2	71	78	0,78	671-070-107	15
76	0,8	0,2	76	83	0,85	671-076-107	15
80	0,8	0,18	80	87	0,88	671-080-107	15
89	0,8	0,17	89	96	0,98	671-089-107	10
102	0,8	0,15	102	109	1,15	671-102-107	15

All data refers to a medium and ambient temperature of +20 °C.
 * Refers to the inner hose lining
 Subject to technical changes and colour deviations.

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Hose Clamp with Worm-Gear Drive



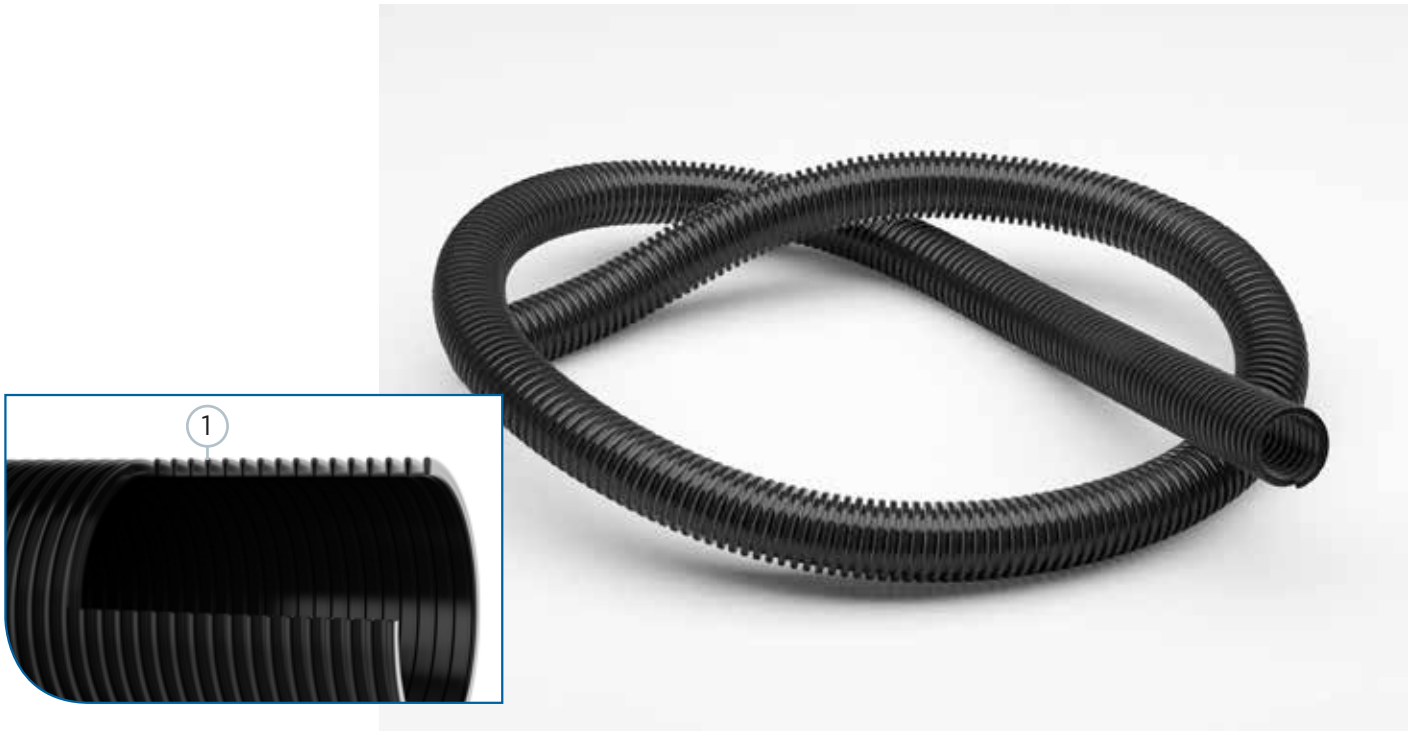
Heat-Shrink Cuff



Cuff for Master-PVC Flex

Master-VAC

PE-EVA Suction Hose & Transport Hose, lightweight, crush-resistant



Material

- 1 wall: PE-EVA Co-polymer

Applications

- suction hose for fine-grained particles, e.g. dust, powders, fibres
- protective hose
- swimming pool cleaning
- ventilation
- conveyance and suction of solid, liquid and gaseous media
- chemicals industry
- dust removal units
- household vacuum cleaners
- Industrial vacuum cleaners
- Handheld machines

Available on request

- Available on request in other lengths, sizes and colours, with print.

Properties

- floatable (spec. Weight 0.94)
- crush-resistant
- super lightweight
- highly flexible
- good oil/alkali/acid resistance
- UV/ozone-proof
- RoHs compliant
- air-tight / watertight

Temperature Range

- -40°C to +60°C
- peaks to +70°C



Stock lengths and technical data / www.masterflex.de/en

DN	vacuum bar	bend radius mm	weight/m kg	article no.	max. production length m
28	0,74	70	0,19	670-028-107	20
32	0,49	70	0,22	670-032-107	30
36	0,49	75	0,27	670-036-107	20
38	0,49	80	0,29	670-038-107	30
45	0,49	90	0,37	670-045-107	30
50	0,39	100	0,42	670-050-107	30

All data refers to a medium and ambient temperature of +20 °C.
 * Refers to the inner hose lining
 Subject to technical changes and colour deviations.

**Please note the changed article numbers.
 The new article numbers can be found in the online product data sheets.**



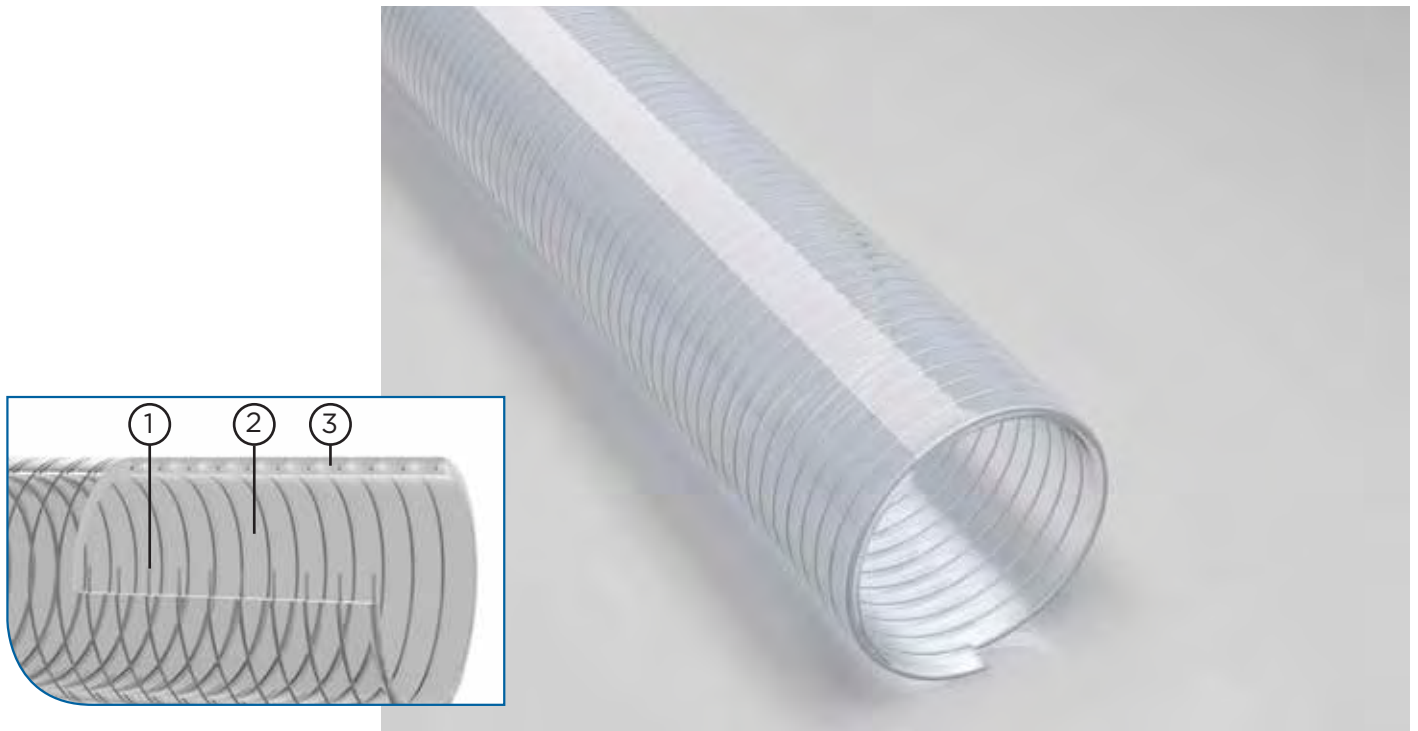
Hose Clamp with Worm-Gear Drive



Cuff for Master-VAC

Polderflex

PVC Suction Hose & Transport Hose, pressure & vacuum proof, cadmium-free, flexible



Material

- ① spiral: spring steel wire
- ② wall: soft PVC
- ③ wall thickness between spirals
approx. 3 - 10mm, dep. on DN size

Applications

- Sewer cleaning
- Vacuum pumps
- Agriculture
- Construction industry
- Groundwater offtake
- Suction & transport hose for abrasive solids, liquids and gases

Available on request

- Available on request in other lengths, sizes and colours, with print.

Properties

- pressure and vacuum resistant
- flexible
- smooth inner and outer linings
- atoxic, physiologically safe/harmless
- good oil/alkali/acid resistance
- good chemical resistance

Temperature Range

- -20°C to +70°C
- peaks to +80°C



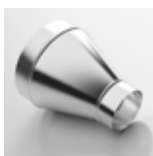
Stock lengths and technical data / www.masterflex.de/en

DN	op. pressure bar	vacuum bar	bend radius mm	outer Ø mm	weight/m kg	article no	max. production length m
13	9	0,88	26	19	0,22	660-013-101	50
16	9	0,88	32	22	0,27	660-016-101	50
19	8	0,88	38	26	0,35	660-019-101	50
20	8	0,88	40	27	0,34	660-020-101	50
26	8	0,88	50	33	0,52	660-026-101	50
32	8	0,88	64	40	0,66	660-032-101	50
38	7	0,88	76	47	0,8	660-038-101	50
40	7	0,88	80	50	0,95	660-040-101	50
45	6	0,88	90	55	1,15	660-045-101	50
51	5	0,88	102	62	1,35	660-051-101	50
60	5	0,88	120	72	1,75	660-060-101	50
63	5	0,88	126	75	1,8	660-063-101	50
76	4	0,88	152	89	2,3	660-076-101	30
80	4	0,88	160	93	2,58	660-080-101	30
90	4	0,88	270	104	2,95	660-090-101	30
102	3	0,88	306	117	3,75	660-102-101	30
127	3	0,88	381	143	4,8	660-127-101	15
152	2	0,88	456	170	6,5	660-152-101	15

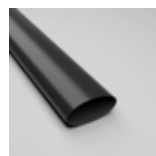
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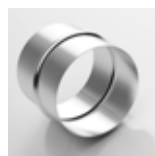
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Hose Reducer, symmetrical



Heat-Shrink Cuff



Hose Connector



Hose Clamp with Worm-Gear Drive



Hose Clamp with Bolts