

Master-SANTO L

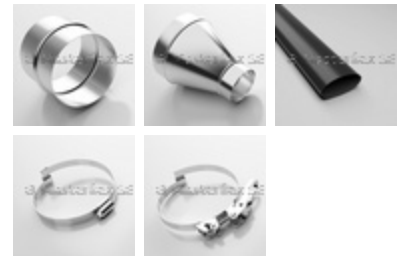
TPV transport and suction hose, lightweight, for increased temperatures



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire
- wall: thermoplastic vulcanisate (TPV)
- wall thickness between spirals approx. 0.7 mm

Applications

- Liquid and gaseous media
- Air supply and extraction in engine applications
- Steam extraction
- Protective hose against mechanical wear
- Conveyance of hot and cold air in vehicle and machine manufacturing

Properties

- good resistance to acids, alkalis and solvent fumes
- mostly smooth inner lining
- light
- very good flexibility
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- smallest bending radii
- optimum flow characteristics
- generally good UV and ozone resistance
- halogen and plasticizer-free

Temperature Range

- -40°C to +130°C
- peaks to +150°C

Product Variations

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	article no.	stock length	max. production lengths
	bar	bar	mm	mm	kg		m	m
25	1,06	0,79	30	30	0,24	000236:25:x	/	25
26	1,06	0,79	31	31	0,24	000236:26:x	5/10	25
32	0,83	0,71	40	40	0,34	000236:32:x	5/10	25
38	0,69	0,66	46	46	0,37	000236:38:x	5/10/15	25
40	0,69	0,66	48	48	0,38	000236:40:x	5/10	25
45	0,61	0,59	53	53	0,40	000236:45:x	/	25
50	0,55	0,52	56	56	0,43	000236:50:x	/	25
51	0,55	0,52	58	58	0,43	000236:51:x	5/10/15	25
55	0,51	0,44	63	63	0,49	000236:55:x	/	25
60	0,46	0,44	68	68	0,51	000236:60:x	5/10/15	25
65	0,42	0,37	73	73	0,62	000236:65:x	5/10	25
70	0,37	0,37	78	78	0,65	000236:70:x	5/10	25
75	0,37	0,29	83	83	0,68	000236:75:x	/	25
76	0,37	0,29	84	84	0,69	000236:76:x	5/10	25
80	0,32	0,29	88	88	0,73	000236:80:x	5/10	25
90	0,28	0,22	99	99	0,85	000236:90:x	/	25
100	0,28	0,22	108	108	0,90	000236:100:x	/	25
102	0,28	0,22	110	110	0,91	000236:102:x	5/10	25
110	0,23	0,22	119	119	0,99	000236:110:x	/	25
115	0,23	0,22	124	124	1,02	000236:115:x	/	25
120	0,23	0,22	129	129	1,06	000236:120:x	/	25
125	0,23	0,22	133	133	1,11	000236:125:x	/	25
127	0,23	0,22	135	135	1,13	000236:127:x	/	25
130	0,19	0,22	139	139	1,15	000236:130:x	/	25
140	0,19	0,15	149	149	1,33	000236:140:x	/	25
150	0,19	0,15	159	159	1,41	000236:150:x	/	25
152	0,19	0,15	161	161	1,42	000236:152:x	5/10	25
160	0,19	0,15	170	170	1,67	000236:160:x	/	25
170	0,14	0,15	180	180	1,73	000236:170:x	/	25
175	0,14	0,15	185	185	1,78	000236:175:x	/	25
180	0,14	0,15	190	190	1,52	000236:180:x	5/10	25
200	0,14	0,15	211	211	2,12	000236:200:x	/	25
203	0,14	0,15	214	214	2,21	000236:203:x	5/10	25
225	0,09	0,07	235	235	2,45	000236:225:x	/	25
250	0,09	0,07	257	257	2,85	000236:250:x	/	25

254	0,09	0,07	260	260	2,90	000236:254:x	/	25
275	0,09	0,07	284	284	2,99	000236:275:x	/	25
280	0,09	0,07	290	290	3,01	000236:280:x	/	25
300	0,08	0,07	310	310	3,07	000236:300:x	/	20
315	0,08	0,07	325	325	3,11	000236:315:x	/	20
325	0,08	0,07	335	335	3,26	000236:325:x	/	20
350	0,04	0,07	360	360	3,46	000236:350:x	/	20
375	0,04	0,05	385	385	3,87	000236:375:x	/	20
400	0,04	0,05	410	411	4,27	000236:400:x	/	20
450	0,04	0,05	460	461	4,86	000236:450:x	/	20
500	0,04	0,05	510	511	5,47	000236:500:x	/	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.

Available on request

- available in other lengths and sizes with customer-specific imprint or with flame-resistance (hardly inflammable) feature