

Master-SANTO H

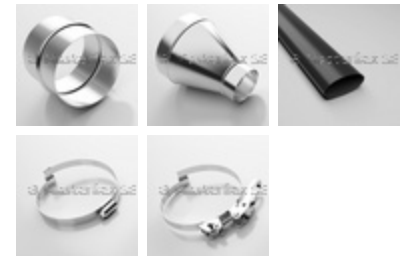
TPV transport and suction hose, medium weight, for increased temperatures



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire
- wall: thermoplastic vulcanisate (TPV)
- wall thickness between spirals approx. 1.4 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

- extremely flexible, lightweight
- good resistance to acids, alkalis and solvent fumes
- small bending radius
- mostly smooth inner lining
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- increased pressure and vacuum resistance
- increased mechanical resistance
- 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	1,46	0,992	47	33	0,25	000242:25:x	/	25
26	1,46	0,92	47	33	0,25	000242:26:x	/	25
32	1,14	0,92	60	41	0,35	000242:32:x	/	25
38	1,09	0,82	69	47	0,40	000242:38:x	/	25
40	1,05	0,82	72	49	0,41	000242:40:x	/	25
45	1,03	0,81	80	55	0,47	000242:45:x	/	25
50	1,02	0,79	86	60	0,54	000242:50:x	/	25
51	1,02	0,79	87	61	0,55	000242:51:x	5/10	25
55	0,96	0,76	95	65	0,59	000242:55:x	/	25
60	0,89	0,74	102	70	0,64	000242:60:x	5/10	25
65	0,84	0,66	112	75	0,69	000242:65:x	/	25
70	0,79	0,66	117	80	0,76	000242:70:x	/	25
75	0,7	0,59	125	86	0,79	000242:75:x	/	25
76	0,7	0,59	126	87	0,80	000242:76:x	/	25
80	0,7	0,59	132	91	0,87	000242:80:x	/	25
90	0,58	0,52	149	101	0,94	000242:90:x	/	25
100	0,53	0,44	164	110	1,00	000242:100:x	/	25
102	0,53	0,44	165	112	1,01	000242:102:x	5/10	25
110	0,47	0,44	179	121	1,09	000242:110:x	/	25
115	0,47	0,31	186	126	1,13	000242:115:x	/	25
120	0,46	0,31	194	131	1,17	000242:120:x	/	25
125	0,46	0,31	201	136	1,24	000242:125:x	/	25
127	0,46	0,31	203	138	1,27	000242:127:x	/	25
130	0,46	0,31	209	141	1,31	000242:130:x	/	25
140	0,37	0,25	224	151	1,41	000242:140:x	/	25
150	0,37	0,25	240	161	1,49	000242:150:x	/	25
152	0,37	0,25	242	163	1,50	000242:152:x	5/10/15	25
160	0,32	0,25	255	171	1,73	000242:160:x	/	25
170	0,32	0,18	270	181	1,88	000242:170:x	/	25
175	0,32	0,18	278	186	1,96	000242:175:x	/	25
180	0,26	0,18	285	191	2,04	000242:180:x	/	25
200	0,26	0,18	319	213	2,22	000242:200:x	/	25
203	0,26	0,18	321	215	2,25	000242:203:x	/	25
225	0,21	0,12	353	237	2,50	000242:225:x	/	25
250	0,21	0,12	388	261	2,99	000242:250:x	/	25

254	0,21	0,12	390	263	3,07	000242:254:x	/	25
275	0,16	0,12	426	288	3,58	000242:275:x	/	25
280	0,16	0,12	435	293	3,64	000242:280:x	/	25
300	0,16	0,12	465	313	3,90	000242:300:x	/	20
315	0,16	0,12	488	328	4,13	000242:315:x	/	20
325	0,16	0,12	503	338	4,29	000242:325:x	/	20
350	0,16	0,12	540	363	4,84	000242:350:x	/	20
375	0,11	0,07	580	388	5,23	000242:375:x	/	20
400	0,11	0,07	615	413	5,69	000242:400:x	/	20
450	0,11	0,07	690	463	6,58	000242:450:x	/	20
500	0,11	0,07	765	513	7,38	000242:500: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