

Master-Santo L se

**TPV Suction & Transport Hose,
light duty, hardly inflammable**



Material

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

Applications

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

Properties

- acc. to TRBS 2153 (Zone 1, 21) for non-flammable dust/bulk solids and gases/liquids with low conductivity of electrostatic charges when earthed at both ends of the spiral
- hardly inflammable
- good resistance to acids, alkalis and solvent fumes
- gas-tight
- halogen and plasticizer-free
- generally good UV and ozone resistance
- light
- smallest bending radii
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- optimum flow characteristics
- very good flexibility

Product Variations

DN	Betriebs- druck ca. bar	vacuum c. bar	Biegeradius ca. mm*	Außen-Ø ca. mm	Gewicht ca. kg/m	Artikel-Nr.	Lager- längen	Fertigungs- längen
25	1,06	0,79	31	31	0,24	150-025-607	/	10m
32	0,83	0,71	40	40	0,34	150-032-607	/	10m
38	0,69	0,66	46	46	0,37	150-038-607	/	10m
40	0,69	0,66	48	48	0,38	150-040-607	10m	10m
45	0,61	0,59	53	53	0,4	150-045-607	/	10m
50	0,55	0,52	58	58	0,43	150-050-607	10m	10m
55	0,51	0,44	63	63	0,49	150-055-607	/	10m
60	0,46	0,44	68	68	0,51	150-060-607	/	10m
65	0,42	0,37	73	73	0,62	150-065-607	/	10m
70	0,37	0,37	78	78	0,65	150-070-607	/	10m
75	0,37	0,29	84	84	0,69	150-075-607	/	10m
80	0,32	0,29	88	88	0,73	150-080-607	10m	10m
90	0,28	0,22	99	99	0,85	150-090-607	/	10m
100	0,28	0,22	110	110	0,91	150-100-607	/	10m
110	0,23	0,22	119	119	0,99	150-110-607	/	10m
115	0,23	0,22	124	124	1,02	150-115-607	/	10m
120	0,23	0,22	129	129	1,06	150-120-607	10m	10m
125	0,23	0,22	135	135	1,13	150-125-607	/	10m
130	0,19	0,22	139	139	1,15	150-130-607	/	10m
140	0,19	0,15	149	149	1,33	150-140-607	/	10m
150	0,19	0,15	161	161	1,42	150-150-607	10m	10m
160	0,19	0,15	170	170	1,67	150-160-607	/	10m
170	0,14	0,15	180	180	1,73	150-170-607	/	10m
175	0,14	0,15	185	185	1,78	150-175-607	/	10m
180	0,14	0,15	190	190	1,52	150-180-607	/	10m
200	0,14	0,15	214	214	2,21	150-200-607	/	10m
225	0,09	0,07	235	235	2,45	150-225-607	/	10m
250	0,09	0,07	260	260	2,9	150-250-607	/	10m
275	0,09	0,07	284	284	2,99	150-275-607	/	10m
280	0,09	0,07	290	290	3,01	150-280-607	/	10m
300	0,08	0,07	310	310	3,07	150-300-607	/	10m
315	0,08	0,07	325	325	3,11	150-315-607	/	10m
325	0,08	0,07	335	335	3,26	150-325-607	/	10m
350	0,04	0,07	360	360	3,46	150-350-607	/	10m

375	0,04	0,05	385	385	3,87	150-375-607	/	10m
400	0,04	0,05	410	411	4,27	150-400-607	/	10m
450	0,04	0,05	460	461	4,86	150-450-607	/	10m
500	0,04	0,05	510	511	5,47	150-500-607	/	10m

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.

Temperature Range

- -40°C to +130°C
- peaks to +150°C

Available from stock

- Available from stock in the above listed lengths and sizes.

Available on request

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

Connections



Hose Reducer, symmetrical



Heat-Shrink Cuff



Hose Connector



Master-Grip Hose Clamp, screwable



Master-Grip Quick-Fix Clamp

Construction



