

Master-SANTO SL

Article Master No.: 000424

TPV transport and suction hose, very lightweight, for increased temperatures



hydrolysis resistant



microbe resistant



compressible



very flexible



light



moderately pressure resistant

Product Details

Construction / Material

- Type of construction: film hose with metal spiral
- Spiral Design: coating in TPV
- Material of the spiral: spring steel
- Execution of the wall: coated, coating in TPV
- Material of the wall: Polyester fabric

Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU
- Chemical Properties: good resistance to chemicals, halogen-free, good UV resistance, good ozone resistance, good resistance to acids, good resistance to alkaline solutions, good resistance to solvent vapours, plasticiser-free
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: fabric black, spiral grey

Operating Temperature

- Temperature Range: -40 - 130

- short-term maximum temperature: peaks to 150 °C

Delivery Information

- Delivery, type of production: various nominal widths in standard lengths are available ex-production, individual nominal widths and lengths also ex-stock

Application Areas

- Areas of application: Agriculture, Automotive, Plant & Mechanical Engineering, Industry, Semiconductor Industry, Ventilation & Air-conditioning, Energy Technology, Bulk & Construction, Sea & Rail transport, Chemistry, Surface Technology, Waste Disposal & Cleaning Technology, Plastics, Conveying, lifting & feeding technology, Textile, Printing & Paper, Vehicle Construction, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with customer-specific imprint, flame retardant according to DIN 4102 B1

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 | Stock Lengths m |
|-------------------------|----------------|----------------------|-------------------|--------------------|-------------|------------------------|-----------------------|--------------------------|-----------------|
| 000424:25:x | 000424 | 25 | 33 | 25 | 0.14 | 3.00 | 0.88 | 25.00 | / |
| 000424:26:x | 000424 | 26 | 33 | 25 | 0.15 | 3.00 | 0.88 | 25.00 | / |
| 000424:30:x | 000424 | 30 | 38 | 30 | 0.18 | 3.00 | 0.86 | 25.00 | / |
| 000424:32:x | 000424 | 32 | 40 | 32 | 0.20 | 2.60 | 0.83 | 25.00 | / |
| 000424:38:x | 000424 | 38 | 48 | 38 | 0.24 | 2.50 | 0.81 | 25.00 | / |
| 000424:40:x | 000424 | 40 | 49 | 40 | 0.25 | 2.40 | 0.80 | 25.00 | 5, 10 |
| 000424:45:x | 000424 | 45 | 54 | 45 | 0.28 | 2.30 | 0.80 | 25.00 | / |
| 000424:50:x | 000424 | 50 | 60 | 50 | 0.34 | 2.20 | 0.79 | 25.00 | / |
| 000424:51:x | 000424 | 51 | 60 | 50 | 0.36 | 2.20 | 0.79 | 25.00 | 5, 10 |
| 000424:60:x | 000424 | 60 | 70 | 60 | 0.43 | 1.60 | 0.71 | 25.00 | 10 |
| 000424:63:x | 000424 | 63 | 72 | 63 | 0.44 | 1.50 | 0.68 | 25.00 | / |
| 000424:65:x | 000424 | 65 | 74 | 65 | 0.46 | 1.40 | 0.67 | 25.00 | / |
| 000424:70:x | 000424 | 70 | 79 | 70 | 0.49 | 1.30 | 0.63 | 25.00 | / |
| 000424:75:x | 000424 | 75 | 83 | 75 | 0.57 | 1.20 | 0.59 | 25.00 | / |
| 000424:76:x | 000424 | 76 | 84 | 75 | 0.59 | 1.20 | 0.59 | 25.00 | 5, 10 |
| 000424:80:x | 000424 | 80 | 89 | 80 | 0.61 | 1.10 | 0.55 | 25.00 | 5, 10, 15 |
| 000424:90:x | 000424 | 90 | 100 | 90 | 0.62 | 1.00 | 0.47 | 25.00 | 5, 10 |
| 000424:100:x | 000424 | 100 | 110 | 100 | 0.63 | 0.90 | 0.39 | 25.00 | / |
| 000424:102:x | 000424 | 102 | 111 | 100 | 0.63 | 0.90 | 0.39 | 25.00 | 5, 10 |
| 000424:110:x | 000424 | 110 | 119 | 110 | 0.68 | 0.90 | 0.37 | 25.00 | 5, 10 |
| 000424:115:x | 000424 | 115 | 124 | 115 | 0.71 | 0.80 | 0.36 | 25.00 | / |
| 000424:120:x | 000424 | 120 | 130 | 120 | 0.74 | 0.80 | 0.35 | 25.00 | / |
| 000424:125:x | 000424 | 125 | 133 | 125 | 0.75 | 0.80 | 0.34 | 25.00 | / |
| 000424:127:x | 000424 | 127 | 135 | 125 | 0.77 | 0.80 | 0.34 | 25.00 | 5, 10 |
| 000424:130:x | 000424 | 130 | 138 | 130 | 0.79 | 0.70 | 0.33 | 25.00 | / |
| 000424:140:x | 000424 | 140 | 149 | 140 | 0.86 | 0.70 | 0.31 | 25.00 | 5, 10 |
| 000424:150:x | 000424 | 150 | 160 | 150 | 0.93 | 0.60 | 0.29 | 25.00 | / |

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|-------------------------|----------------|----------------------|-------------------|--------------------|-------------|------------------------|-----------------------|--------------------------|-----------------|
| 000424:152:x | 000424 | 152 | 160 | 150 | 0.95 | 0.60 | 0.29 | 25.00 | 5, 10 |
| 000424:160:x | 000424 | 160 | 170 | 160 | 1.01 | 0.60 | 0.28 | 25.00 | 5, 10 |
| 000424:170:x | 000424 | 170 | 180 | 170 | 1.07 | 0.60 | 0.26 | 25.00 | / |
| 000424:175:x | 000424 | 175 | 185 | 175 | 1.10 | 0.50 | 0.25 | 25.00 | / |
| 000424:180:x | 000424 | 180 | 190 | 180 | 1.13 | 0.50 | 0.24 | 25.00 | / |
| 000424:200:x | 000424 | 200 | 210 | 200 | 1.66 | 0.50 | 0.20 | 25.00 | / |
| 000424:203:x | 000424 | 203 | 211 | 200 | 1.68 | 0.50 | 0.20 | 25.00 | 5, 10 |
| 000424:225:x | 000424 | 225 | 236 | 225 | 1.72 | 0.40 | 0.18 | 25.00 | / |
| 000424:250:x | 000424 | 250 | 260 | 250 | 1.76 | 0.40 | 0.16 | 25.00 | / |
| 000424:254:x | 000424 | 254 | 262 | 250 | 1.78 | 0.40 | 0.16 | 25.00 | 5, 10 |
| 000424:275:x | 000424 | 275 | 287 | 275 | 1.96 | 0.30 | 0.14 | 25.00 | / |
| 000424:280:x | 000424 | 280 | 291 | 280 | 1.98 | 0.30 | 0.14 | 25.00 | / |
| 000424:300:x | 000424 | 300 | 313 | 300 | 2.75 | 0.30 | 0.12 | 25.00 | 5, 10 |
| 000424:350:x | 000424 | 350 | 362 | 350 | 3.19 | 0.20 | 0.08 | 25.00 | / |
| 000424:400:x | 000424 | 400 | 413 | 400 | 3.65 | 0.20 | 0.05 | 25.00 | / |

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.

Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

Possible Connection Elements



Hose connector
 Sheet steel connector for extending, connecting and joining light to medium-weight hoses



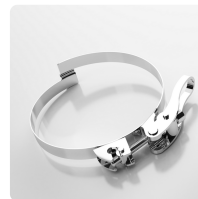
Hose Reducer, symmetrical
 Hose reducer for extending, connecting and joining light to medium weight hoses



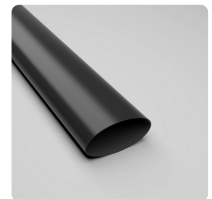
Master-Grip Hose Clamp, screwable
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



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



Heat Shrink Cuff
 Heat shrink sleeve for easy connection and sealing of hoses

Individual consultation

We offer consultation by
phone:
+49 209 97077-112

Product requests via
[masterflex.de/en](https://www.masterflex.de/en)

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

