

## Master-Clip SPARK

Article Master No.: 000264

Special hose for welding fumes extraction, made from PVC-coated glass fabric



hydrolysis  
resistant



microbe  
resistant



flame  
retardant



compressi-  
ble



very  
flexible



light



moderatel-  
y pressure  
resistant

### Product Details

#### Construction / Material

- Type of construction: spiral hose with clamping profile
- Design of the helix: metal band, formed as a clamping profile
- Material of the helix: steel strip, hot-dip galvanised
- Design of the external spiral: designed as an additional protective profile
- Execution of the wall: made of specified material, coated, coating in PVC
- Material of the wall: glass fibre fabric
- Specifications of the wall: flame retardant

#### Properties

- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Physical Properties: largely resistant to flying sparks
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: dark grey

#### Operating Temperature

- Temperature Range: -20 - 90

- short-term maximum temperature: peaks to 110 °C

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Automotive, Industry, Ventilation & Air-conditioning, Textile, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with stainless steel spiral

Article Variants

| Extended Article Number | Article number | Nominal Size (DN) mm | Bending radius* mm | Weight kg/m | Operating pressure bar | Negative pressure bar | Max. Production length m | Length (standard lengths available for order) m |
|-------------------------|----------------|----------------------|--------------------|-------------|------------------------|-----------------------|--------------------------|-------------------------------------------------|
| 000264:40:x             | 000264         | 40                   | 24                 | 0.40        | 0.90                   | 0.35                  | 25.00                    | 3, 6, 10                                        |
| 000264:45:x             | 000264         | 45                   | 27                 | 0.40        | 0.87                   | 0.33                  | 25.00                    | 3, 6, 10                                        |
| 000264:50:x             | 000264         | 50                   | 30                 | 0.40        | 0.85                   | 0.31                  | 25.00                    | 3, 6, 10                                        |
| 000264:55:x             | 000264         | 55                   | 33                 | 0.40        | 0.78                   | 0.26                  | 25.00                    | 3, 6, 10                                        |
| 000264:60:x             | 000264         | 60                   | 36                 | 0.50        | 0.68                   | 0.22                  | 25.00                    | 3, 6, 10                                        |
| 000264:65:x             | 000264         | 65                   | 39                 | 0.50        | 0.59                   | 0.19                  | 25.00                    | 3, 6, 10                                        |
| 000264:70:x             | 000264         | 70                   | 42                 | 0.50        | 0.53                   | 0.16                  | 25.00                    | 3, 6, 10                                        |
| 000264:75:x             | 000264         | 75                   | 45                 | 0.60        | 0.47                   | 0.14                  | 25.00                    | 3, 6, 10                                        |
| 000264:80:x             | 000264         | 80                   | 48                 | 0.60        | 0.43                   | 0.12                  | 25.00                    | 3, 6, 10                                        |
| 000264:90:x             | 000264         | 90                   | 54                 | 0.60        | 0.36                   | 0.10                  | 25.00                    | 3, 6, 10                                        |
| 000264:100:x            | 000264         | 100                  | 60                 | 0.60        | 0.30                   | 0.08                  | 25.00                    | 3, 6, 10                                        |
| 000264:110:x            | 000264         | 110                  | 66                 | 0.70        | 0.26                   | 0.07                  | 25.00                    | 3, 6, 10                                        |
| 000264:120:x            | 000264         | 120                  | 72                 | 0.70        | 0.22                   | 0.06                  | 25.00                    | 3, 6, 10                                        |
| 000264:125:x            | 000264         | 125                  | 75                 | 0.80        | 0.21                   | 0.05                  | 25.00                    | 3, 6, 10                                        |
| 000264:130:x            | 000264         | 130                  | 78                 | 0.80        | 0.20                   | 0.05                  | 25.00                    | 3, 6, 10                                        |
| 000264:140:x            | 000264         | 140                  | 84                 | 0.80        | 0.18                   | 0.04                  | 25.00                    | 3, 6, 10                                        |
| 000264:150:x            | 000264         | 150                  | 90                 | 0.90        | 0.16                   | 0.04                  | 25.00                    | 3, 6, 10                                        |
| 000264:160:x            | 000264         | 160                  | 96                 | 0.90        | 0.14                   | 0.03                  | 25.00                    | 3, 6, 10                                        |
| 000264:170:x            | 000264         | 170                  | 102                | 0.90        | 0.13                   | 0.03                  | 25.00                    | 3, 6, 10                                        |
| 000264:175:x            | 000264         | 175                  | 105                | 1.00        | 0.12                   | 0.03                  | 25.00                    | 3, 6, 10                                        |
| 000264:180:x            | 000264         | 180                  | 108                | 1.00        | 0.12                   | 0.02                  | 25.00                    | 3, 6, 10                                        |
| 000264:200:x            | 000264         | 200                  | 120                | 1.20        | 0.10                   | 0.02                  | 25.00                    | 3, 6, 10                                        |
| 000264:215:x            | 000264         | 215                  | 151                | 1.30        | 0.09                   | 0.02                  | 25.00                    | 3, 6, 10                                        |
| 000264:225:x            | 000264         | 225                  | 158                | 1.40        | 0.08                   | 0.02                  | 25.00                    | 3, 6, 10                                        |
| 000264:250:x            | 000264         | 250                  | 175                | 1.60        | 0.07                   | 0.01                  | 25.00                    | 3, 6, 10                                        |
| 000264:275:x            | 000264         | 275                  | 193                | 1.90        | 0.06                   | 0.01                  | 25.00                    | 3, 6, 10                                        |
| 000264:300:x            | 000264         | 300                  | 210                | 2.10        | 0.05                   | 0.01                  | 25.00                    | 3, 6, 10                                        |
| 000264:315:x            | 000264         | 315                  | 221                | 2.10        | 0.05                   | 0.01                  | 25.00                    | 3, 6, 10                                        |
| 000264:325:x            | 000264         | 325                  | 228                | 2.20        | 0.05                   | 0.01                  | 25.00                    | 3, 6, 10                                        |
| 000264:350:x            | 000264         | 350                  | 245                | 2.50        | 0.04                   | 0.01                  | 25.00                    | 3, 6, 10                                        |
| 000264:375:x            | 000264         | 375                  | 263                | 2.90        | 0.04                   | 0.01                  | 25.00                    | 3, 6, 10                                        |

| Extended Article Number | Article number | Nominal Size (DN) mm | Bending radius* mm | Weight kg/m | Operating pressure bar | Negative pressure bar | Max. Production length m | Length (standard lengths available for order) m |
|-------------------------|----------------|----------------------|--------------------|-------------|------------------------|-----------------------|--------------------------|-------------------------------------------------|
| 000264:400:x            | 000264         | 400                  | 280                | 3.10        | 0.03                   | 0.01                  | 25.00                    | 3, 6, 10                                        |
| 000264:450:x            | 000264         | 450                  | 360                | 3.60        | 0.03                   | 0.00                  | 25.00                    | 3, 6, 10                                        |
| 000264:500:x            | 000264         | 500                  | 400                | 4.10        | 0.02                   | 0.01                  | 20.00                    | 3, 6, 10                                        |
| 000264:550:x            | 000264         | 550                  | 440                | 4.60        | 0.02                   | 0.01                  | 20.00                    | 3, 6, 10                                        |
| 000264:600:x            | 000264         | 600                  | 480                | 5.10        | 0.02                   | 0.01                  | 20.00                    | 3, 6, 10                                        |
| 000264:700:x            | 000264         | 700                  | 560                | 6.00        | 0.01                   | 0.01                  | 20.00                    | 3, 6, 10                                        |
| 000264:800:x            | 000264         | 800                  | 640                | 6.90        | 0.01                   | 0.01                  | 20.00                    | 3, 6, 10                                        |
| 000264:900:x            | 000264         | 900                  | 720                | 7.80        | 0.01                   | 0.01                  | 20.00                    | 3, 6, 10                                        |

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



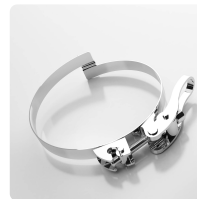
**Hose Reducer, symmetrical**  
Hose reducer for extending, connecting and joining light to medium weight hoses



**Clip-Grip Hose Clamp, screwable**  
Screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



**Clip-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301**  
screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



**Clip-Grip Quick-Fix Clamp**  
Special clamp for attaching all hose types from the Master-Clip series to mobile and stationary units.

### Individual consultation

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

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

### Address Headquarters

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