



## Copper braid



## Application range

- EMC-compliant screening
- Can be used as earthing tape
- Automotive industry

## Norm references / Approvals

- ISO-TS approved

## Design

- Four available sizes: Cover a diameter range from 1 to 50 mm
- Variable diameter by tightening the braid

## Included

- Are delivered in 2 pieces with 50 m each

## Suitable conduits

- SILVYN® EMC AS-CU Page 899

## Technical data



ETIM 5.0 Class-ID: EC001182  
ETIM 5.0 Class-Description:  
Braided hose



## General

Minor differences are possible depending on the production batch



## Note

Degree of coverage:  
85 % at maximum opening



## Material

Tinned-copper



## Temperature range

-30 °C to +105 °C

Max. temperature: +120 °C (short-term)

Article number	Article designation	mm <sup>2</sup>	Approx. Ø range in mm	Number of wires x Ø (mm)	Weight (kg)	PU (m)
<b>Copper braid</b>						
61721370	CU 14	1.32	1 - 4	24 x 7 x 0,10	1.2	100
61721380	CU 410	4.14	4 - 10	24 x 22 x 0,10	3.9	100
61721390	CU 1020	8.29	10 - 20	48 x 22 x 0,10	7.6	100
61721395	CU 2050	18.1	20 - 50	48 x 12 x 0,10	8.1	100

Photographs are not to scale and do not represent detailed images of the respective products.

## Tools and cable accessories



## 3M Scotch™ 1183 screening tape



## Benefits

- Electrically-conductive strip provides exceptional screening of electromagnetic fields
- Uniform foil composition and its good conductivity to the substrate ensures low contact resistance, which is crucial for the degree of screening
- Solderable and corrosion-resistant
- Acrylic adhesive that is resistant to solvents

## Application range

- Electromagnetic field screening
- Electrostatic discharge

## Product features

- Copper foil is plated with a thin layer of tin
- Tin-plating is compatible with a wide range of base materials such as aluminium, lead and tin alloys, and galvanised steels

## Norm references / Approvals

- UL 510 approved
- UL File Number: E17385

## Technical data



ETIM 5.0 Class-ID: EC000128  
ETIM 5.0 Class-Description:  
Adhesive tape



## Caution

Adhesion (stripping force) : 3.8 N/10 mm  
Tear strength: 44 N/10 mm



## Note

Contact resistance (in acc. with MIL-STD-202): 0.005 ohms



## Info

Storage: good stability when stored in a cool and dry location (room temperature and approx. 50% relative humidity)



## Colour delivered

Silver grey (RAL 7001)



## Material

Smooth tin-plated copper film as a lining with a conductive acrylic adhesive



## Temperature range

-10 °C to +80 °C

Article number	Article designation	Width (mm)	PU (m)
<b>3M Scotch™ 1183 screening tape</b>			
61721420	3M Scotch 1183 / 9x16,5	9	16.5
61721421	3M Scotch 1183 / 12x16,5	12	16.5
61721422	3M Scotch 1183 / 19x16,5	19	16.5
61721423	3M Scotch 1183 / 25x16,5	25	16.5

Scotch™ 1183 is a registered trademark of 3M

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## Accessories

- SKINTOP® MS-SC-M refer to page 732
- SKINTOP® MS-SC refer to page 794