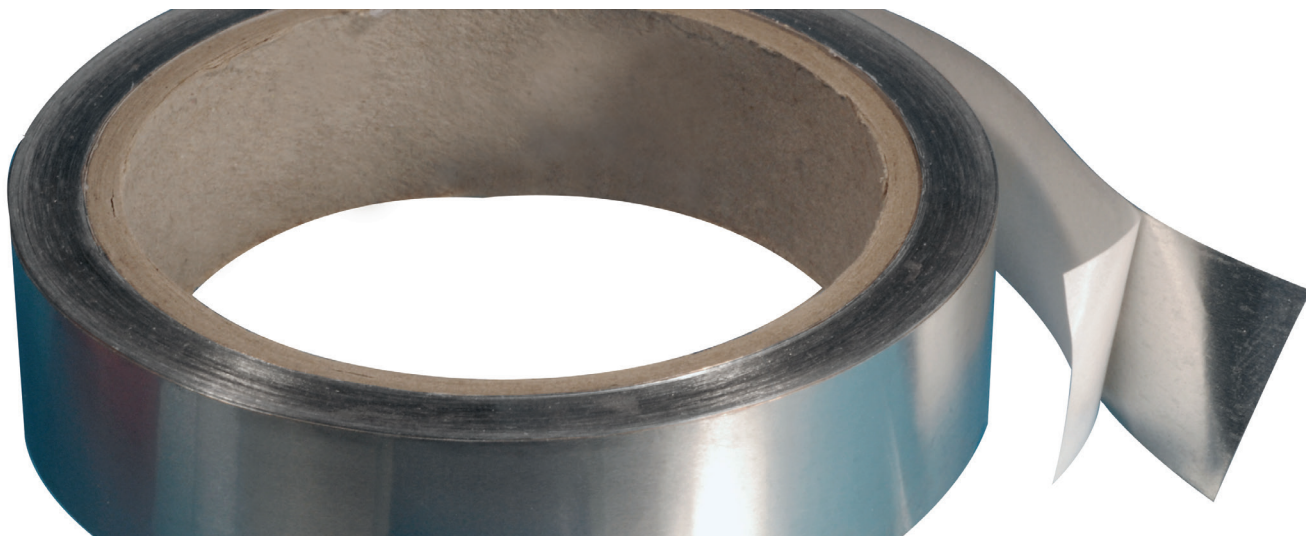


## Amucor tape series 4700



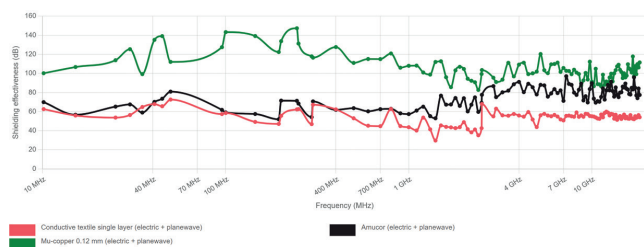
Many EMI problems can be solved easily by the use of Amucor foil or tape, a commonly used material. Amucor foil and tape can be produced with or without (conductive) self-adhesive and an optional insulation layer.

Amucor tape can be cut to any width starting at 3mm and can be delivered from stock. The most commonly used width is 25mm. The standard roll length is 16.5 meters.

If coverage of large surfaces is needed, it is usually best to use tape with a conductive self-adhesive in combination with foil. This solution is much cheaper than only using tape.

Amucor foil can also be delivered as die-cut, according to the customer's drawing, on a strip or in pieces (stickers), with optional self-adhesive.

### Mu-copper tape vs Amucor foil vs Conductive textile - shielding performance



### Applications

- EMI shielding of plastic enclosure parts (EMI/RFI-shielding tape/gasket)
- Shielding all non-conductive materials
- Ground plane
- Anti static floor (ESD floor)
- Electrical connection between surfaces (sheets/foils)
- Die-cuts
- Shielding in housings and Faraday cages
- Temporary shielding during tests
- Mounting transparent foils, windows for EMI/RFI shielding
- Cable shielding (wrapped around the cable)
- Temporary shielding during emission and immunity test

### Options

- Fire-retardant version
- With (conductive) self-adhesive backing
- With insulation layer
- Die-cutting to any shape according to CAD drawing

### Technical specifications

| Foil material                         | Amucor +PET                                            | Amucor + PET + Amucor |
|---------------------------------------|--------------------------------------------------------|-----------------------|
| Surface                               | Bright                                                 | Bright                |
| For tape, standard roll widths (mm) * | 10, 25, 50, 100                                        | 10, 25, 50, 100       |
| Roll lengths                          | Min. 16.5m (standard)<br>Other roll lengths on request |                       |

## » Amucor tape series 4700

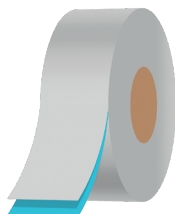
### Part numbers

#### Amucor foil (without adhesive)

##### 4701

Max. width 1100 mm  
Thickness 0.035 mm  $\pm 0.02$

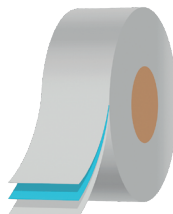
- Metal foil (Amucor)
- PET



##### 4716

Max. width 1100 mm  
Thickness 0.047 mm  $\pm 0.02$

- Metal foil (Amucor)
- PET
- Metal foil (Amucor)

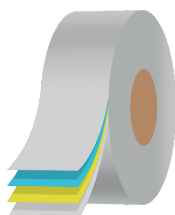


#### Amucor tape with standard adhesive

##### 4702

Max. width 1100 mm  
Thickness 0.085 mm  $\pm 0.02$

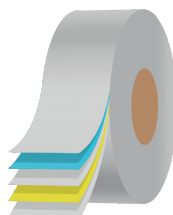
- Metal foil (Amucor)
- PET
- Standard adhesive
- Siliconised paper



##### 4717

Max. width 1100 mm  
Thickness 0.097 mm  $\pm 0.02$

- Metal foil (Amucor)
- PET
- Metal foil (Amucor)
- Standard adhesive
- Siliconised paper

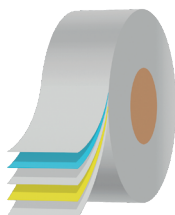


#### Amucor tape with standard adhesive

##### 4718

Max. width 1100 mm  
Thickness 0.117 mm  $\pm 0.02$

- Metal foil (Amucor)
- PET
- Metal foil (Amucor)
- Conductive adhesive
- Siliconised paper

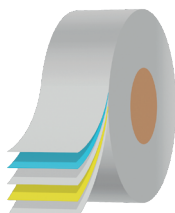


#### Amucor foil with standard self adhesive and insulation layer (UL94V-0) 0.15 mm (white)

##### 4704

Max. width 900 mm  
Thickness 0.265 mm  $\pm 0.02$

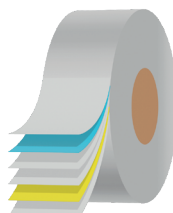
- Metal foil (Amucor)
- PET
- White insulation layer
- Standard adhesive
- Siliconised paper



##### 4719

Max. width 1100 mm  
Thickness 0.277 mm  $\pm 0.02$

- Metal foil (Amucor)
- PET
- Metal foil (Amucor)
- White insulation layer
- Standard adhesive
- Siliconised paper

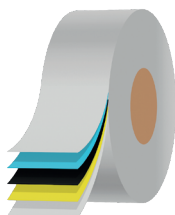


#### Amucor foil with standard self adhesive and insulation layer (UL94V-0) 0.22 mm (black)

##### 4705

Max. width 1100 mm  
Thickness 0.335 mm  $\pm 0.02$

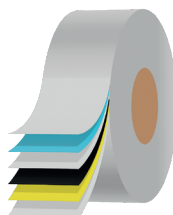
- Metal foil (Amucor)
- PET
- Black insulation layer
- Standard adhesive
- Siliconised paper



##### 4720

Max. width 1100 mm  
Thickness 0.347 mm  $\pm 0.02$

- Metal foil (Amucor)
- PET
- Metal foil (Amucor)
- Black insulation layer
- Standard adhesive
- Siliconised paper



Notice: Tape thickness is the total thickness without liner

### Order example

| Part number                       | Width (mm)                          | Length (meters)                          |
|-----------------------------------|-------------------------------------|------------------------------------------|
| Please choose a part number above | Specify the width of the tape in mm | Specify the length of the tape in meters |

#### \*Notice

Information supplied in these data sheets is based on independent and laboratory tests which Holland Shielding Systems BV, hereafter referred to as HSS believes to be reliable. HSS has no control over the design of customer's product which incorporates products, therefore it is the responsibility of the user to determine the suitability for his particular application and we recommend that the user make his own test to determine suitability.

The product described in this data sheet shall be of standard quality, however the products are sold without warranty of fitness for a particular purpose, either expressed or implied, except to the extent expressly stated on HSS invoice, quotation or order acknowledgment. HSS does not warrant that products described in this data sheet will be free of conflict with existing or future patents of third parties. All risks of lack of fitness, patent infringement and the like are assumed by the user.