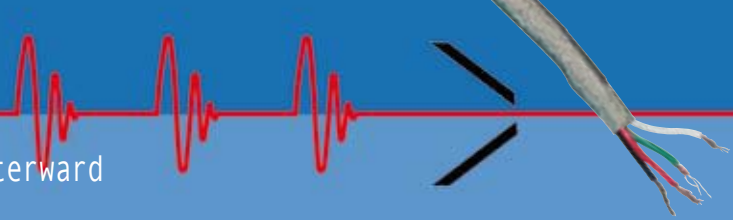
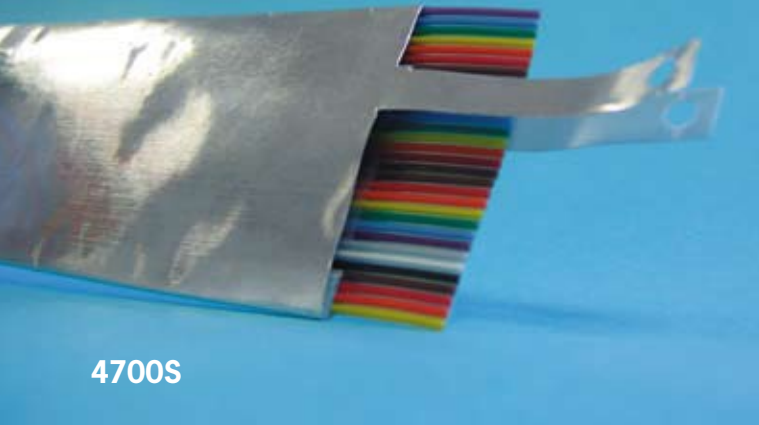


# Cable shielding 4700/4800

For flat and round cables, can be installed afterward



## Ready-made sleeve



4700S

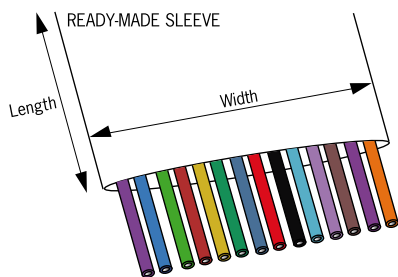
## Cable shielding

The cable shield can be grounded at one end, or both ends of the cable. Cable shielding can be supplied as a ready-made sleeve, on rolls or as a flexible shielding tube. It comes either in continuous lengths, on a reel or cut into lengths.

## Ready-made sleeve

Ready-made sleeves can be supplied in **Amucor** or in **Conductive fabric**. The material provides a high shielding performance. The ready-made sleeve is used for cables with large diameters and flat cables.

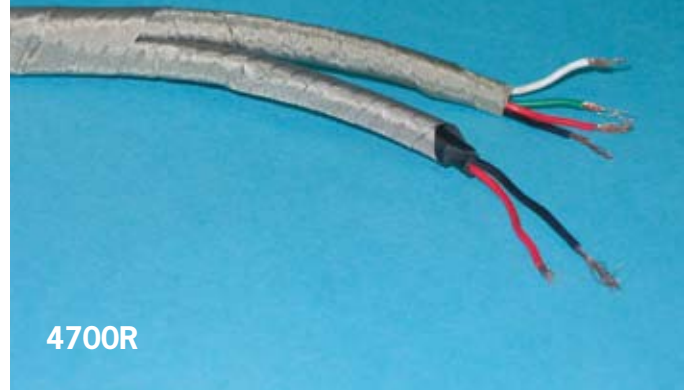
Can be produced with a self-adhesive backing.



## Shielding performance

Frequency Hz	Mode	Attenuation (dB)			
		Amucor	Conductive fabric	Wrapshield	Shielding tube
10 K	H	-	-	4	10
100 K	H	-	-	12	14
1M	H	-	-	18	21
1M	E	121	115	72	121
10M	E	110	108	65	110
100M	E	103	102	62	103
400M	E	98	92	60	98
1G	P	93	90	58	93
10G	P	90	87	42	90

## Flexible Cable Shield



4700R

## Flexible cable shield

For applications where flexibility is required, e.g. cables with small diameters. The material guarantees superb shielding performance. The product is supplied on rolls and is wrapped around the cable. Flexible cable shield can be delivered in **Amucor** or in **Conductive fabric**, with or without (conductive) self-adhesive.

## Options

- With or without self-adhesive
- Supplied on rolls

## Benefits

- Can be applied if the cable is a plug
- Highly flexible
- Branches can be wrapped separately

See guarantee

# Cable shielding 4700/4800

For flat and round cables, can be installed afterwards



## Wrapshield

Cable wrapping is used to shield, ground and statically discharge cables or to harness entire bundles of cables. Wrapshield is a double layer knitted wire mesh supplied on rolls used to wrap around cables. For the best shielding performance make sure there is 50% overlap.

### Benefits

- Highly flexible
- High shielding performance
- Wide range of applications
- Shielding performance can be increased by more overlap
- One size for all diameters
- Branches can be wrapped

## Flexible shielding tube

This material is a ready-to-use Mu-copper or tinned Mu-copper tube through which a cable or bundle of cables can be pulled. When the tube is compressed lengthwise, the diameter expands to simplify the assembly. Therefore a wide range of cable diameters can be shielded with a single tube.

Please note that the tube has to be expanded for larger diameters and that a larger nominal length will then be required (up to twice the length of the cable).

### Benefits

- Highly flexible
- High shielding performance
- Wide range of applications
- Easy to cut
- Useful in a broad range of temperatures and environments.

### Part number

**4701**

#### As ready-made sleeve

- 4701S** : Flat cable shield - Reinforced Amucor foil
- 4702S** : Flat cable shield - Reinforced Amucor foil + self-adhesive
- 4711S** : Flat cable shield - Conductive fabric
- 4712S** : Flat cable shield - Conductive fabric + self-adhesive
- 4713S** : Flat cable shield - Conductive fabric + conductive self-adhesive

#### On roll (to wrap around a cable)

- 4701R** : Flexible cable shield - Reinforced Amucor foil
- 4702R** : Flexible cable shield - Reinforced Amucor foil + self-adhesive
- 4711R** : Flexible cable shield - Conductive fabric
- 4712R** : Flexible cable shield - Conductive fabric + self-adhesive
- 4713R** : Flexible cable shield - Conductive fabric + conductive self-adhesive
- 4730** : Wrapshield - Monel
- 4740** : Wrapshield - Tinned copper/steel (TCS)
- 4750** : Wrapshield - Stainless steel
- 4760** : Wrapshield - Aluminium

#### As flexible shielding tube (tinned Mu-copper)

- 4806** : Flexible shielding tube - for cable Ø 3 - 6 mm
- 4815** : Flexible shielding tube - for cable Ø 5 - 15 mm
- 4824** : Flexible shielding tube - for cable Ø 12 - 24 mm
- 4836** : Flexible shielding tube - for cable Ø 20 - 36 mm

#### Height (mm)

**3**

Specify the height of the cable in mm

#### Width (mm)

**36**

Specify the width of the cable in mm

#### Length (mm)

**25**

Specify the length per sleeve

#### Width (mm)

**50**

Standard width: 50 mm, Other on request

#### Roll length (m)

**25**

Standard roll lengths: 10, 25, 50 meter

#### Length (m)

**25**

Standard roll lengths: 10, 25, 50 meter

**Ordering information**