

Cable Shielding

4700 & 4800



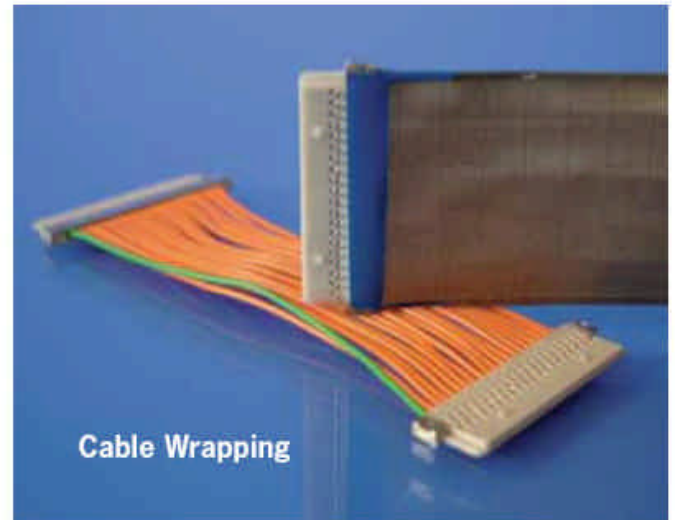
Cable Wrapping 4700

The cable wrapping should be grounded. On one or at both ends of the cables can be find in practice. Cable wrappings are supplied in continuous lengths, on a reel, or cut in lengths.

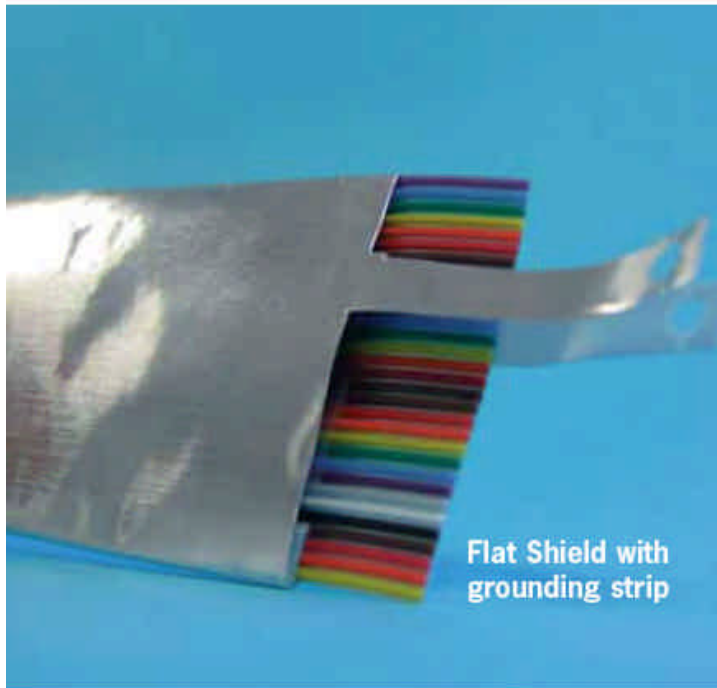
1. Flat cables:

Reinforced Amucor foil 4701 - 4702

This material gives a high shielding performance for cable wrapping. It is used for cables with large diameters and flat cables. It comes provided with self-adhesive backing but is also available without self-adhesive.



Cable Wrapping



Flat Shield with grounding strip

- Reinforced Amucor foil 4701
- Reinforced Amucor foil + self adhesive 4702

Standard widths: 8, 10, 12, 14, 16, 26, 32, 50 or 100mm

Shielding Performance

Frequency Hz	Mode	Screening dB
1M	E	121
10M	E	110
100M	E	103
400M	E	98
1G	P	92
See Guarantee		

Shielding effectiveness depends on surface, shape of gaskets and material used.

2 Highly flexible cables:

Conductive fabric 4711 - 4721

For applications where very high flexibility is required, like cables with small diameters. The highly conductive fabric guarantees superb shielding performance. Also available in conductive non-woven and with self-adhesive.

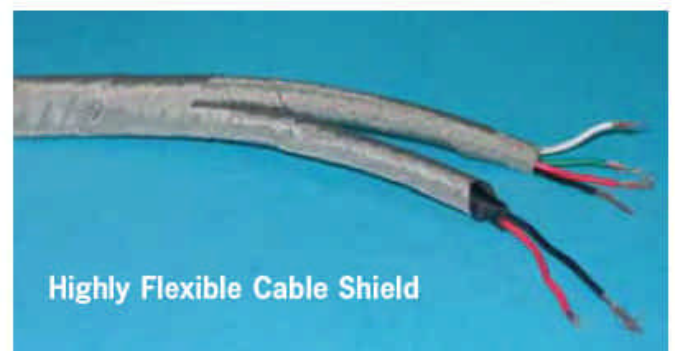
- Conductive Fabric 4711
- Conductive fabric with self adhesive 4712
- Conductive fabric with conductive self adhesive 4713
- Conductive non-woven 4721

Widths: 8, 10, 12, 14, 16, 26, 32, 50 or 100 mm

Shielding Performance

Frequency Hz	Mode	Screening dB
1M	E	115
10M	E	108
100M	E	102
400M	E	92
1G	P	90
See Guarantee		

Shielding effectiveness depends on surface, shape of gaskets and material used.



Highly Flexible Cable Shield

Cable Shielding

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3. Heavy duty, low frequency: Wrapshield 4730 - 4760

Cable wrapping is used to shield cables or to harness even bundles of cables. Wrapshield is made as a tube so: two layers of knitted wire mesh. With an overlap of 50% this results in even 4 layers of metal.

It can be supplied in four wire materials:

- Wrapshield Monel **4730**
- Wrapshield tinned copper/steel (T.C.S.) **4740**
- Wrapshield stainless steel 4750
- Wrapshield aluminium 4760

Standard Widths: 12, 25, **50**, 100 or 150mm

Benefits

- high flexibility
- high shielding performance
- wide range of applications
- easy to cut into the right shape

Options

- flame retardant version
- with self-adhesive backing
- customer-specific widths



Wrapshield

Shielding Performance

Frequency Hz	Mode	Screening dB
1M	E	72
10M	E	65
100M	E	62
1G	E	58
10G	E	42
See Guarantee		

Shielding effectiveness depends on surface, shape of gaskets and material used.

Flexible Shielding Tube 4800

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. If 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.

Diameter	Part no.
3 - 6 mm	4806
5 - 15 mm	4815
12 - 24 mm	4824

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).

Electrical		
Frequency Hz	Mode	Screening dB
1M	E	121
10M	E	110
100M	E	103
400M	E	98
1G	P	93
Magnetical		
10K	H	10
100K	H	14
1M	H	21
See Guarantee		



Flexible Shielding Tube