



## 4730 till 4760 - Wrapshield



### 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

#### Wrapshield materials

Conform to RoHS, REACH

Wrapshield can be supplied in four different wire material:

	Part nr	Material	Diameter
Wire	4730	Monel	Ø 0,11 mm
	4740	Tinned Copper/Steel	Ø 0,11 mm
	4745	Tinned Copper	Ø 0,11 mm
	4750	Stainless Steel	Ø 0,11 mm
	4760	Aluminium	Ø 0,12 / 0,20 mm
Knitting	Single or Double wire		

#### Shielding Effectiveness

40 / 80 dB from 1 MHz to 10 GHz

#### Tolerances

≤ 20 mm	± 0,8 mm
21 to 50 mm	± 1,3 mm
51 to 155 mm	± 2,0 mm

#### Standard widths

12, 25, 50, 100 or 150 mm.

Other width on request.

#### Options

- Flame retardant version
- With self-adhesive backing
- Customer-specific widths

#### Shielding performance (dB)

Frequency MHz	Mode	Attenuation dB
1M	E	72
10M	E	65
100M	E	62
400M	E	60
1G	E	58
10G	E	42

These values are measured under laboratory conditions.  
In your situation results may differ, please read our guarantee.

#### How to order

When you want to order the 4730-4760 please specify with the following information.

For example Wrapshield Monel 50 mm width and 25 meter length.

Part number	Width (mm)	Roll length (m)
<b>4730</b>	<b>50</b>	<b>25</b>
4730 : Monel 4740 : Tinned copper/steel (T.C.S) 4745 : Wrapshield tinned copper (T.C) 4750 : Stainless steel 4760 : Aluminium	Standard width : 12, 25, 50, 100 or 150 mm. Other on request	Standard roll lengths: 10, 25, 50 meter