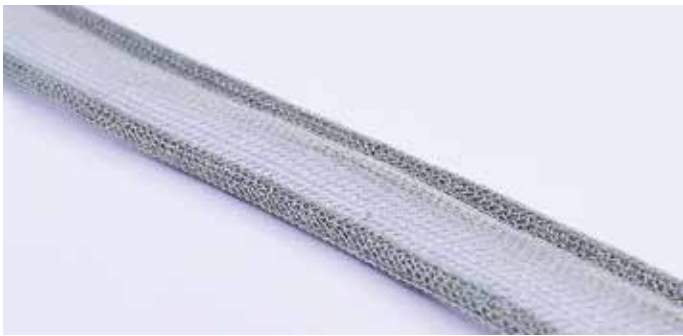


### Knitted Wire Mesh

Knitted wire meshes are produced from a single continuous filament and produce very high levels of EMI shielding performance when evenly compressed between two metallic contact surfaces.

Our knitted wire EMI shielding meshes are available in four basic wire types - Monel, Aluminium, TCS (Tinned Copper-clad Steel) and Stainless Steel. Each has its own specific characteristics but TCS is generally regarded as the most suitable for EMP (low frequency) shielding.



### How to order

#### Wire Code

Monel - 1  
Aluminium - 2  
TCS - 3  
Stainless steel - 4

#### Style

Round - R  
Rectangular - REC  
Round with Fin - RWF  
Twin Round with tail - TRWT

For Example: KWM-2-TRWT-0064-00254 which is Aluminium wire in a twin round with fin profile with a 6.4mm diameter and 25.4mm width

### General Specification

Monel	- BS3075 - NA13	(0.11mm diameter)
Aluminium 5056	- AMS 4182	(0.13mm diameter)
TCS	- ASTM B520	(0.11mm diameter)
Stainless Steel	- Alloy 304	(0.11mm diameter)

### Available in the following forms:

- Continuous Lengths
- Cut to Length
- Fabricated Gaskets
- Bonding to Carriers such as Silicone, Neoprene or EPDM
- Compressed Mesh O rings

Other sizes available please contact us.

### Performance

FREQUENCY	FIELD	MONEL	ALUMINIUM	TCS	S/STEEL
10KHz	H	45	40	60	40
100KHz	H	49	45	65	44
1MHz	H	60	60	85	58
1MHz	E	125	125	125	125
10MHz	E	120	120	120	120
100MHz	E	100	100	108	100
400MHz	P	98	95	99	94
1GHz	P	85	76	78	76
10GHz	P	80	65	62	60