

Polyurethane Cored Metweave **MW**



Description

Metweave is a lamination of conductive fabric around closed cell polyurethane. The overall dimensions can be tailored to suit customer specifications.

- Easily trimmed to size
- Self-terminating
- Excellent dust and moisture protection
- Rip stop fabric
- Low closure force needed
- Variety of profiles available

Individual material specifications are as below.

PU Closed Cell Sponge

Temperature Range	-40°C to +100°C
Density	45kg/m ³
Compression Set	<10% typical
Flammability	Flame Retardant to UL94-V0

MW Series Conductive Fabric

Material	Nylon / PET / Nickel / Copper fabric
Self-Adhesive Tape	Conductive double sided acrylic carrier and adhesive
Temperature Range	-40°C to +70°C typical
Abrasion Resistance	No degradation after 10,000 cycles
Flammability	Flame Retardant to UL94-V0 E-ticket E255577
Surface Resistivity	<0.05 Ω
Colour	Mid grey
Method of Supply	Fabricated gaskets / Cut lengths (maximum 2m)

Shielding Effectiveness dB (Mil Std 285)

Frequency	Attenuation
30MHz	90
100MHz	>100
500MHz	>100
1GHz	>100
10GHz	110

