

## EPDM Cored Metweave



### Description

Metweave is a lamination of conductive fabric and closed cell EPDM.

The overall dimensions can be tailored to suit customer specifications.

Individual material specifications are as below.

### EPDM Closed Cell Sponge

Temperature Range	-40°C to +120°C
Flammability	Flame Retardant to UL94-V0
Density	110-150kg/m <sup>3</sup>
Shore Hardness	35-55
Tensile Strength	220kPa
Tear Resistance	>1.0kN/m
Elongation	>180%
Vacuum Water Absorption	<8%
Compression Deformity 25%	20-40 kPa
Compression Deformity 50%	70-100kPa
Compression Set	<30 (23°C for 22 hours at 50% compression)

### MW Series Conductive Fabric

Material	Nylon / PET / Nickel / Copper fabric
Self-Adhesive Tape	Conductive double sided acrylic carrier and adhesive
Temperature Range	-20°C to +70°C
Abrasion Resistance	No degradation after 5000 cycles
Flammability	Flame Retardant to UL94-V0 E-ticket E255577
Surface Resistivity	0.03 Ω max
Shielding Effectiveness	Average 65dB from 10MHz to 3GHz
Colour	Mid grey
Method of Supply	Fabricated gaskets / Cut lengths (maximum 3m)

