



Application Notes / Overview

Maxshield - Aluweave & Monex

catalogue pages 43-44

P&P Technology are always happy to provide guidance on the best option for your application.



GA Shielding - Aluweave

Aluweave is a versatile, highly conductive gasket medium produced by filling a woven aluminium mesh with silicone, fluorosilicone or neoprene rubber.

Advantages - Low cost

- Easily die-cut
- Gives minimal thickness gasket
- Usually supplied as gaskets, but can also be supplied as sheets
- Good environmental seal
- Good point contact at crossovers

Points to Note -

- Minimum land thickness of 3mm
- Maximum width 300mm
- Cannot be effectively joined so gaskets must be cut in one piece.

Applications -

- Connector gaskets

GX Shielding - Monex

Monex is an expanded monel foil filled with silicone rubber. Similar to Aluweave, Monex is also a thin gasket medium.

Advantages - Low cost

- Easily die-cut
- Gives minimal thickness gasket
- Usually supplied as gaskets, but can also be supplied as sheets
- Good environmental seal
- Monex NF is available without the silicone filler (no environmental seal)

Points to Note -

- Minimum land thickness of 3mm
- Maximum width 300mm
- Cannot be effectively joined so gaskets must be cut in one piece.

Applications -

- Connector gaskets
- Waveguide gaskets



P&P Technology are specialist manufacturers of EMI / RF shielding products. For application notes on the rest of our range, or one of our catalogues, please find our contact details below.