Kemtron Proven EMC Shielding Solutions

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TE connectivity

INTRODUCING

ELECTROMAGNETIC INTERFERENCE (EMI) SHIELDING KNITTED WIRE MESH GASKETS



Our range of knitted wire mesh gaskets provides a cost-effective solution to deliver high-shielding performance applications. The mono-filament interlocking-loop construction gives strength while allowing it to conform to almost any size or shape. The manufacturing process allows for an optional elastomer core to be included into the product to aid compression.

APPLICATIONS

Solid knitted mesh gaskets provide an excellent EMI / RFI / EMP gasket shield between two metallic surfaces and with the choice of wire mesh material available allows for a good galvanic match with mating flanges, thereby limiting the possibility of corrosion between gasket and flange:

- Panel seals in screened rooms
- Areas with infrequent access
- Cable shielding (wrapping with flat bandage)

Elastomer cored knitted wire mesh

- Groove gaskets such as O-Rings
- Ideal for use in situations where repeated opening and closing operations are necessary

MATERIALS

- Wire type: Monel, tin-plated copper-clad steel, stainless steel, aluminum
- Color: Grey
- No marking

KEY BENEFITS

- Solid knitted mesh gaskets allow for a good galvanic match with mating flanges, thereby limiting the possibility of corrosion between gasket and flange
- Optional elastomer core of the gasket allows it to be compressed using low to medium force conforming to uneven surfaces and recovering well after use
- Low compression force allows for use where reported opening and closing operations are necessary

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- Landing Page
- Video
- Brochure

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