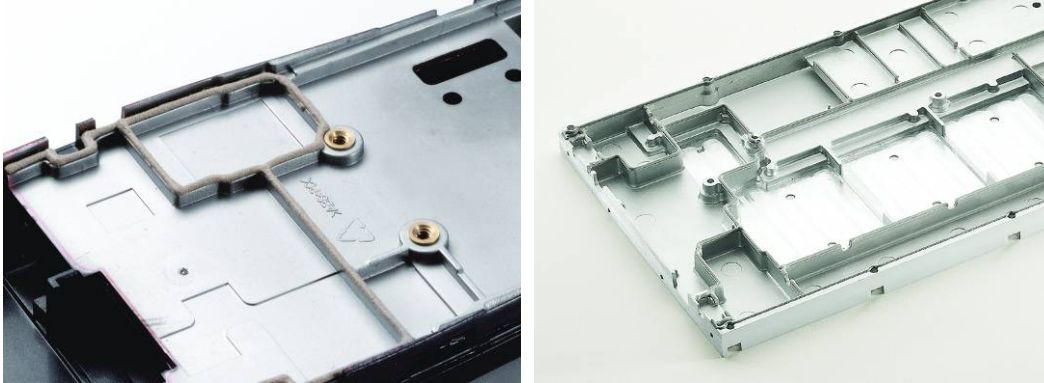


Max-Shield Conductive Elastomer Gasket

Form-In-Place Gasket



Characteristics:

TennVac's automated technology dispenses form-in-place conductive elastomer gaskets on metal or metalized plastic housings. The system applies programmed gasket beads with exceptional accuracy in three full axes, compensating for uneven surfaces in castings and molded parts to provide consistent, highly reliable seals. Gaskets can be applied on flanges as narrow as 0.50 mm, affording more space for board components or allowing smaller overall packaging. FIP gaskets can be cured in minutes by heating mechanism or RTV, and provide more than 75 dB attenuation from 200 MHz to 10 GHz.

Features:

- Up to 60% space saved- flanges as narrow as 0.020" (0.50 mm) can be gasketed.
- More than 75 dB shielding effectiveness from 200 MHz to 10 GHz with very small gasket beads.
- Accuracy for gasket location within 0.001" (0.025 mm).
- More than 12 Newtons/cm² shear adhesion to common housing substrates and coatings.
- Highly compressible gaskets, ideal with limited deflection force.
- Speed- gasketed parts typically prototyped and shipped within the same day.
- In-house FIP process makes the Repairing process fast turn around

Applications:

- Mobile devices – PCMCIA card, CF card
- Base station
- Tightly packaged commercial electronic devices

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