

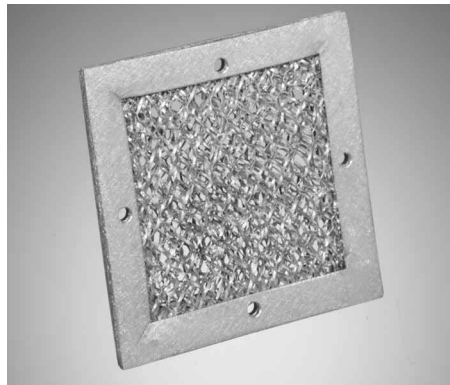
VIP® Shielded Air Filter

VIP® (Viscous Impingement) EMI Shielded Air Filters

Chomerics' VIP air filters are all metal EMI shielded panels used at the air intake on shielded enclosures which require low-velocity cooling air. Their filtering medium is multi-layer expanded aluminum, which can be coated with viscous oil for dust impingement.

VIP filters are specifically designed for applications requiring any of the following: *maximum dust arrestance;* *easy removal and reinstallation;* *repetitive cleaning of excessive dust deposits;* *minimum penetration of the enclosure in restricted space situations.*

To withstand severe environments, VIP panel elements are all-aluminum, chromate conversion coated. VIP filters are supplied in customer-specified sizes ranging from 2 x 4 in., to 30 x 48 in. (5.1 x 10.2 cm, to 76.2 x 122.0 cm), complete with EMI gasketed, extruded aluminum frame with mounting holes, ready for installation. Integral monel knitted wire mesh gasketing is available. However, although the panel is self gasketing, because the expanded aluminum filter is of greater thick-



ness than the frame into which it is compressed.

VIP filters can be cleaned readily in detergent solution and re-oiled with a commercial air filter spray before being remounted.

Ordering Procedure

Chomerics readily fabricates VIP air panels to meet varying application needs. *Part numbers will be assigned by Chomerics.* A detailed drawing should be provided to Chomerics.

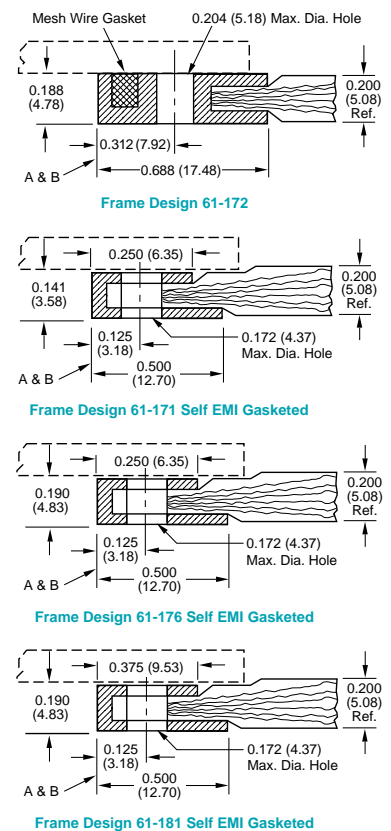


Figure 1 VIP Standard Frame designs

(mm dimensions in parentheses)