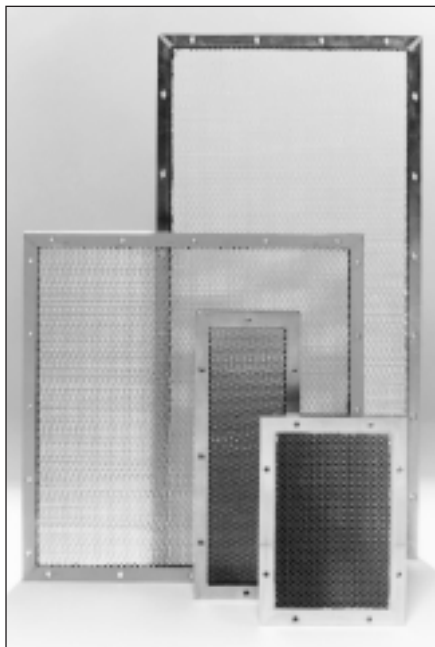


# CHO-CELL™ Shielded Vent Panels



SPECIFICATIONS	
<b>Honeycomb</b>	0.002 in. (0.051 mm) foil, 0.125 in. (3.2 mm) cells, 0.500 in. (12.7 mm) thick aluminum per MIL-C-7438; finish: electroless nickel per MIL-C-26074C, Class 1, Grade A, 0.0015 in. (0.04 mm) thick
<b>Frame</b>	Aluminum per QQ-A-200/8 alloy 6061-T4; finish: electroless nickel per MIL-C-26074C, Class 1, Grade A, 0.0015 in. (0.04 mm) thick
<b>Mounting Gasket</b>	CHO-SEAL 1215 silver-plated-copper filled silicone
<b>Sizes</b>	Per customer requirements, up to 24 x 24 in. (61 x 61 cm) max.
<b>Mounting Holes</b>	Thru holes, 0.188 in. (4.8 mm) dia. (for #8 screws) [2-3 in. (5.1-7.6 cm) spacing recommended]

## CHO-CELL Shielded Vents

CHO-CELL panels are Parker Chomerics very high performance shielded honeycomb air vents, especially designed for high frequency environments and to meet TEMPEST specifications. They provide greater than 90 dB attenuation between 200 MHz and 10 GHz. Shielding is typically 30 dB better than conventional panels, achieved by unique design features, which include a CHO-SEAL mounting gasket. CHO-CELL vents are free of polarization effects, provide low air resistance, and are lightweight. They are offered in custom configurations, with thru-hole mounting.

## Contact Information:

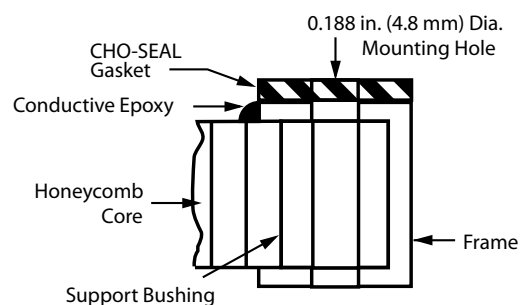
Parker Hannifin Corporation  
**Chomerics Division**  
 77 Dragon Court  
 Woburn, MA 01801

phone 781 935 4850  
 fax 781 933 4318  
 chomailbox@parker.com

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 www.parker.com/chomerics

## Ordering Procedure:

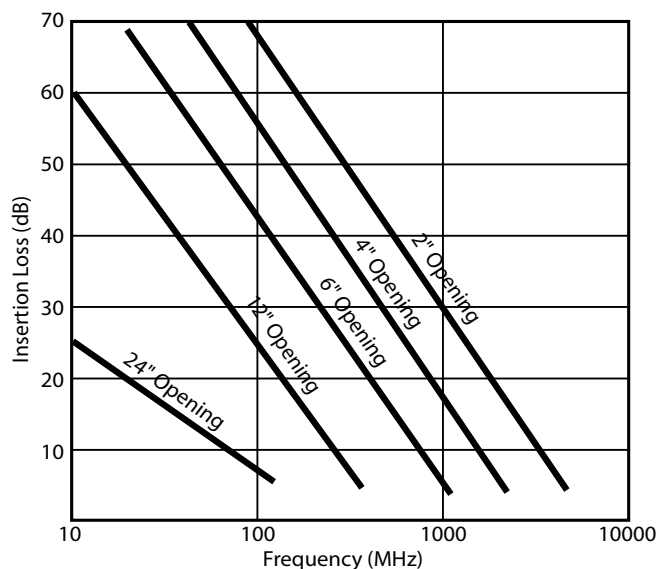
CHO-CELL panels are made to customer size specifications up to 24 x 24 in. (61 x 61 cm). Part numbers will be supplied by Parker Chomerics. Contact our Applications Engineering Department.



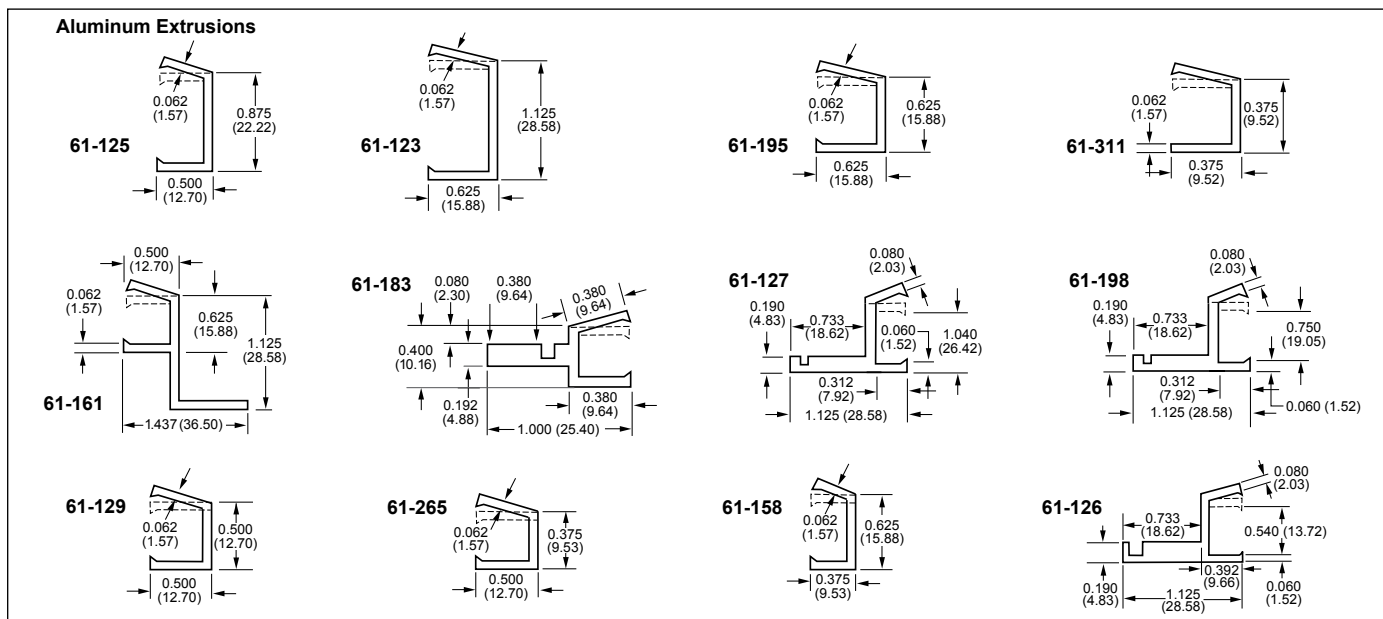
Cross Section of CHO-CELL Vent

## CHO-CELL Shielded Vent Panels - Product Information

**Figure 1** Insertion Loss Through Apertures The above data illustrates insertion loss typically achieved through open apertures from 24 in. to 2 in. square (per MIL-STD-285).



**Figure 2** Alternate Extrusions for CHO-CELL Construction, in. (mm). Others available, please inquire.



[www.chomerics.com](http://www.chomerics.com)  
[www.parker.com/chomerics](http://www.parker.com/chomerics)

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