

# Stainless Steel Honeycomb Vent Panels

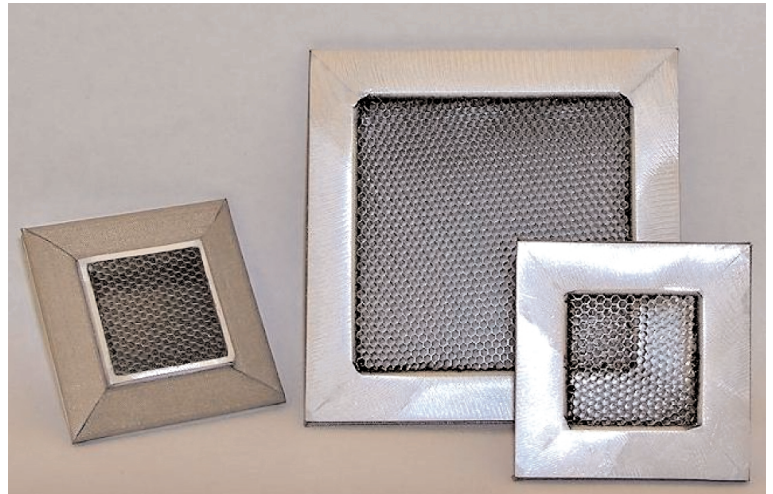
## Stainless Steel Honeycomb Vents

Chomerics Stainless Steel Honeycomb Vents provide maximum durability, strength, and corrosion resistance. These rugged vent panels are available with our widest range of available honeycomb cell size and thickness. See the specification table below.

Standard construction is Non-plated T-304SS 90° honeycomb bonded to 6063 T4 aluminum "C" extrusion or 5052 H32 Aluminum "L" extrusion using Chomerics CHO-Bond® 584-29 Silver Epoxy Adhesive (See Figure 2). A matching stainless steel frame can be specified for use in extreme conditions.

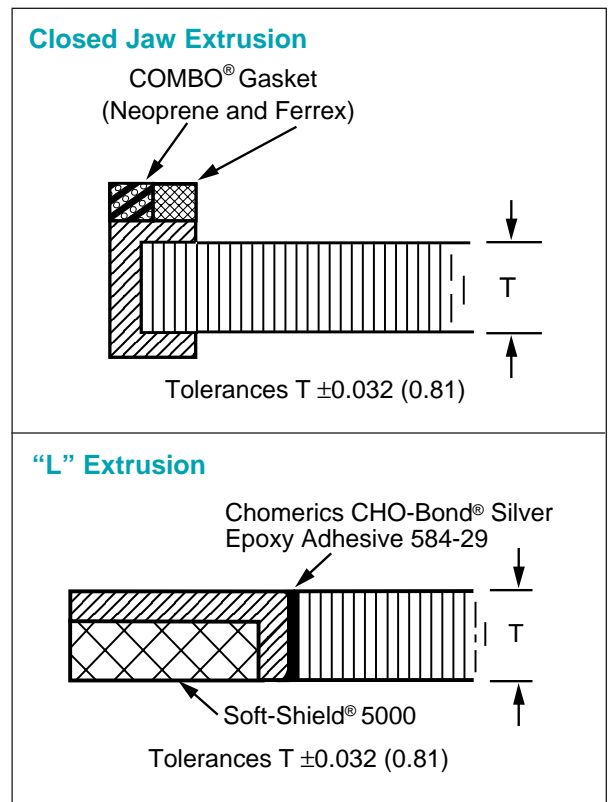
Custom cut Stainless Steel Honeycomb is offered without a frame in a range of shapes, including circular. Chomerics PSA mounted gaskets may be applied to the honeycomb.

Please contact Applications Engineering for additional gasket, adhesive, or plating options.



**Figure 1** Chomerics Stainless Steel Honeycomb samples. 06-0302-7777 and 06-0903-SSTEEL (smaller vent also shown from rear with Chomerics Soft-Shield® 5000 gasket)

SPECIFICATIONS	
<b>Honeycomb</b>	
<b>Cell Size</b>	<b>Honeycomb Thickness "T"</b>
0.031" (0.80) to 0.940 (23.88) in 0.031" (0.80) increments	0.084" (2.13) to 2.00" (50.8) Maximum
Note: Stainless Steel Honeycomb is available in 90° only. Non-plated Honeycomb is standard	
<b>Frame</b>	
Aluminum Frame to be Chem-Filmed per MIL-C-5541 Class 3 Clear or Trivalent Chromium (RoHS Compliant).	
<b>Type</b>	<b>Thickness</b>
"C" Extrusion (Closed Jaw)	.032" (.81), .062 (1.57) .093" (2.36), .125" (3.18)
"L" Extrusion	
<b>EMI Gasketing</b> See corresponding gasket web pages	
<b>COMBO®</b>	Ferrex wire mesh in parallel with neoprene elastomer weather seal
<b>Soft-Shield® 5000</b>	Conductive fabric over foam core



**Figure 2** Typical Frame Styles