

## Metafor (.032 Aluminum)

### Allowable Design Pressures

Maximum Support Spacing	1 FT	2 FT	3 FT	4 FT
<b>Positive Design Pressure (PSF)</b>	<b>+133.0</b>	<b>+102.6</b>	<b>+72.1</b>	<b>+41.6</b>
<b>Negative Design Pressure (PSF)</b>	<b>-83.2</b>	<b>-67.1</b>	<b>-50.9</b>	<b>-34.7</b>
Span Condition:	One or More Spans Attached to a Minimum 18 Gauge Steel. 50 ksi minimum support.			
Fastener spacing to support:	12" Along Supports			
Primary Fastener:	Fastener: Panel to Support Type: Concealor (Wafer Head) Size: #10 - 16 x 1" DP3			
Notes: <ul style="list-style-type: none"> <li>• Positive Pressure Inward/Negative Pressure Outward</li> <li>• Allowable design pressure(s) for allowable stress design (ASD).</li> <li>• Diaphragm and axial load capacity are not included in this evaluation.</li> </ul>				

- Referenced Data:**
1. ASTM E330-02  
By Farabaugh Engineering and Testing, Inc. (FBC Organization #TST ID:1654)  
• Report # T204-19, Report Date: 8/20/19
  2. Engineering Analysis  
By CBUCK Engineering