



LOAD TABLES BASED ON ASTM E330 TESTING

Rigid Wall II (.032 Aluminum) MFN160

Allowable Design Pressures

Maximum Support Spacing	1 FT	2 FT	3 FT	4 FT
Positive Design Pressure (PSF)	+133.0	+116.6	+99.9	+83.2
Negative Design Pressure (PSF)	-154.6	-115.2	-75.8	-36.4
Span Condition:	One or More Spans Attached to a Minimum 18 Gauge Steel. 50 ksi minimum support.			
Fastener spacing to support:	Nominal 16" o.c. along supports - Screws located at each panel lap, at each support			
Primary Fastener:	Fastener: Panel to Support Type: Self Drilling Pancake Head Screw Size: #10 - 16 x 1"			
Notes:	<ul style="list-style-type: none"> • Positive Pressure Inward/Negative Pressure Outward • Allowable design pressure(s) for allowable stress design (ASD). • Diaphragm and axial load capacity are not included in this evaluation. 			

- Referenced Data:**
1. ASTM E330-02
By Farabaugh Engineering and Testing, Inc. (FBC Organization #TST ID:1654)
• Report # T328-20, Report Date: 10/09/20
 2. Engineering Analysis
By CBUCK Engineering

ATAS International, Inc.

Allentown, PA | Mesa, AZ | University Park, IL
800.468.1441 | www.atas.com | info@atas.com