



3/8-inch depth

## FLAT LOCK PANELS - STAINLESS STEEL

### Maximum Design Load (psf) <sup>1-7</sup>

(inches) Panel Size	Deflection	Panel Thickness (Ga)		
		24	20	18
8	L/60	80	120	146
	L/180	25	45	100
12	L/60	32	55	97
	L/180	-	16	55
16	L/60	14	27	73
	L/180	-	-	27

**Notes:**

- 1.) Chart considers wind loads applied normal to surface of panel. Additional load cases not considered (live, seismic, snow, etc.)
  - 2.) Chart does not consider limitations due to fasteners and/or substrate.
  - 3.) Panels shall be installed with Millennium Forms 20ga 316 SS clips at 16" max OC and guidelines.
  - 4.) Chart developed using AISI 2016 based on service level loading (ASD) considering Fy=30ksi minimum.
  - 5.) All pressures reflect safety factor of 2.0 (Ultimate load/2.0).
  - 6.) Design pressures are intended for preliminary use only and not for project specific conditions. Consult a professional engineer to confirm adequacy.
  - 7.) Chart does not consider oil canning.
- "Oil canning" is an inherent characteristic, not a defect, and therefore is not a cause for panel rejection.