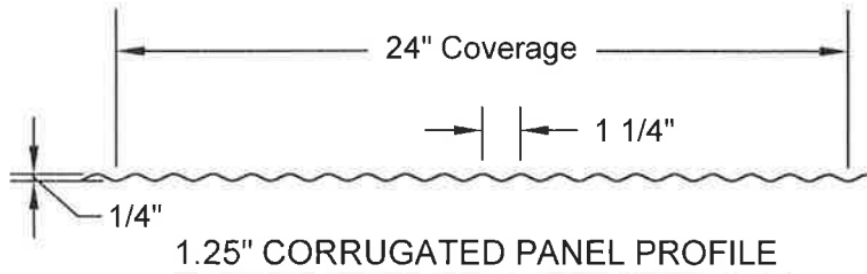


1 ¼" Corrugated



SECTION PROPERTIES								ALLOWABLE UNIFORM LOADS (PSF) For various fastener spacings											
Ga	Width in	Yield ksi	Weight psf	Top in Compression		Bottom in Compression		Inward Load					Outward Load						
				Ixx in ⁴ /ft	Sxx In ³ /ft	Ixx In ⁴ /ft	Sxx In ³ /ft	1"	1.25'	1.5'	1.75'	2'	2.5'	1"	1.25'	1.5'	1.75'	2'	2.5'
30	24	80	.61	.0010	.0066	.0010	.0063	167	86	50	31	21	11	167	86	50	31	21	11
29	24	80	.64	.0010	.0070	.0010	.0067	167	86	50	31	21	11	167	86	50	31	21	11
26	24	50	.81	.0015	.0087	.0015	.0085	196	126	74	47	31	16	202	113	65	41	27	14

1. Theoretical section properties have been calculated per AISI 2012 North American Specification for the Design of Cold-Formed Steel Structural Members. Ixx and Sxx are effective section properties for deflection and bending.
2. Allowable load is calculated in accordance with AISI 2012 specifications considering bending, shear, combined bending and shear and deflection. Allowable load considers the 3 or more equal spans condition. Allowable load does not address web crippling, fasteners, support material or load testing. Panel weight is not considered.
3. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
4. Allowable load does not include a 1/3 stress increase for wind.