

SECTION PROPERTIES								ALLOWABLE UNIFORM LIVE LOADS PSF <sup>1,2,3,4.</sup> (3 or More Equal Spans)											
GA.	Width (in.)	Yield KSI	Weight PSF	Top in Compression <sup>1.</sup>		Bottom in Compression <sup>1.</sup>		Inward (Gravity / Deflection) Load <sup>2,4.</sup>						Outward Uplift (Stress) Load <sup>3.</sup>					
				Ixx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	Ixx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	2'	3'	4'	5'	6'	7'	2'	3'	4'	5'	6'	7'
26	36"	80	0.87	0.0183	0.0342	0.0123	0.0292	197	89	47	24	14	9	305	139	79	51	35	26
24	36"	50	1.13	0.0270	0.0515	0.0187	0.0462	260	118	67	35	21	13	383	174	99	64	44	33
22	36"	50	1.45	0.0367	0.0732	0.0267	0.0671	375	170	95	49	28	18	541	247	140	90	63	46

1. Theoretical section properties have been calculated per AISI 1996. "Specifications for the design of cold formed steel members." Ixx and Sxx are effective section properties for deflection and bending.
2. Tabulated loads are allowable loads calculated in accordance with good engineering practices and with AISI 1996 specifications for bending stresses. Panel weight has not been subtracted from allowable gravity loads. Allowable load does not address web crippling requirement, or fasteners/support connection.
3. Allowable loads are calculated in accordance with AISI 1996 specifications, and have been increased by 33<sup>1</sup>/<sub>3</sub>% for wind uplift. Contact Metal Sales Technical Services Department for more information.
4. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.