

SECTION PROPERTIES								ALLOWABLE UNIFORM LIVE LOADS PSF ^{1,2,3,4} (3 or More Equal Spans)											
GA.	Width (in.)	Yield KSI	Weight PSF	Top in Compression ¹		Bottom in Compression ¹		Inward (Gravity / Deflection) Load ^{2,4}						Outward Uplift (Stress) Load ³					
				Ixx In ⁴ /ft	Sxx In ³ /ft	Ixx In ⁴ /ft	Sxx In ³ /ft	5'	6'	7'	8'	9'	10'	5'	6'	7'	8'	9'	10'
26	32"	80	1.00	0.0623	0.0865	0.0638	0.0849	88	51	32	21	15	11	120	85	63	49	39	32
24	32"	50	1.29	0.0874	0.1245	0.0896	0.1223	112	71	45	30	21	15	151	106	78	60	47	38
22	32"	50	1.66	0.1163	0.1638	0.1200	0.1653	152	95	60	40	28	20	201	140	103	79	63	51

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 33¹/₃% 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.