

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	2'	2.5'	3'	3.5'	4'	5'	2'	2.5'	3'	3.5'	4'	5'
30	36"	80	0.62	0.0090	0.0137	0.0053	0.0111	76	49	34	25	19	12	124	80	56	41	32	20
29	36"	80	0.70	0.0100	0.0151	0.0060	0.0124	85	55	38	28	22	13	137	89	62	46	35	22
26	36"	80	0.86	0.0123	0.0190	0.0080	0.0160	110	71	49	36	28	16	172	111	78	57	44	28

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.