

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	36"	80	0.95	0.0657	0.0733	0.0607	0.0601	62	44	33	22	16	11	97	70	52	41	32	26
24	36"	50	1.23	0.1000	0.1206	0.0987	0.1078	97	68	50	34	24	17	143	101	75	57	46	37
22	36"	50	1.59	0.1400	0.1750	0.1367	0.1550	142	99	71	48	33	24	212	149	110	84	67	54
20	36"	50	1.85	0.1733	0.2192	0.1700	0.1939	178	124	88	59	41	30	267	186	137	105	83	68

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.