



Materials & Finishes - Standard:

- **Pregalvanized (PG):** Conforms to ASTM A653 SS GR 33, G90.
- **Unistrut Defender (DF):** Conforms to ASTM A1046 SS GR 33
- **Hot Dip Galvanized (HG):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM A123
- **Perma-Green (GR):** Steel conforms to ASTM A1011 SS GR 33, E-Coat finish
- **Perma-Gold (ZD):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM B633, Type II SC3
- **Plain (PL):** Conforms to ASTM A1011 SS GR 33

Materials & Finishes - Special Metals:

- **Stainless Steel, Type 304 (SS):** ASTM A240, Type 304 *
- **Stainless Steel, Type 316 (ST):** ASTM A240, Type 316 *
- **Aluminum (EA):** ASTM B221, Type 6063-T6 (Extruded) *

* These materials have different physical properties and performance characteristics. Please [contact us](#) for design support.

Part No.	Length (ft)	Finish	Product Weight / Ft (lbs/ft)
P3301	20	PG	2.69
P3301	10	PG	2.69
P3301	20	HG	2.862
P3301	10	HG	2.862
P3301	20	GR	2.69
P3301	10	GR	2.69
P3301	20	PL	2.69
P3301	10	PL	2.69
P3301	20	ZD	2.69
P3301	10	ZD	2.69
P3301	20	SS	2.69
P3301	10	SS	2.69
P3301	20	ST	2.69

Beam Loading - P3301						
Span (in)	Max Allow. Uniform Load (lbs)	Deflection at Uniform Load (in)	Uniform Loading at Deflection			Lateral Bracing Reduction Factor
			Span/180 (lbs)	Span/240 (lbs)	Span/360 (lbs)	
24	1,690	0.06	1,690	1,690	1,690	1.00
36	1,130	0.13	1,130	1,130	860	1.00
48	840	0.23	840	720	480	1.00
60	680	0.37	620	460	310	1.00
72	560	0.52	430	320	210	0.97
84	480	0.71	310	240	160	0.95
96	420	0.93	240	180	120	0.92
108	380	1.20	190	140	100	0.90
120	340	1.47	150	120	80	0.87
144	280	2.09	110	80	50	0.82

Refer to the General Specifications for loading information.

Column Loading - P3301					
Unbraced Height (in)	Allowable Load at Slot Face (lbs)	Max Column Load Applied at C.G.			
		K=0.65 (lbs)	K=0.80 (lbs)	K=1.0 (lbs)	K=1.2 (lbs)
24	4,290	16,990	16,580	15,770	14,720
36	4,150	15,890	14,720	12,980	11,120
48	3,940	14,160	12,360	9,880	7,510
60	3,650	12,210	9,880	6,940	4,820
72	3,270	10,190	7,510	4,820	3,350
84	2,800	8,220	5,530	3,540	KL/r>200
96	2,410	6,420	4,240	KL/r>200	KL/r>200
108	2,080	5,070	3,350	KL/r>200	KL/r>200

Refer to the General Specifications for loading information.

Project:

Architect / Engineer:

Date: **Phone:**

Contractor:

Address:

Notes:

Approval Stamp: