



**Materials & Finishes - Standard:**

- **Pregalvanized (PG):** Conforms to ASTM A653 SS GR 33, G90.
- **Power-Strut 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)
PS 560 2 T3	10	PG	1.66
PS 560 2 T3	20	PG	1.66
PS 560 2 T3	20	HG	1.738
PS 560 2 T3	10	HG	1.738
PS 560 2 T3	20	GR	1.66
PS 560 2 T3	10	GR	1.66
PS 560 2 T3	10	PL	1.66
PS 560 2 T3	20	PL	1.66
PS 560 2 T3	20	SS	1.66
PS 560 2 T3	10	EA	0.66
PS 560 2 T3	20	EA	0.66

Beam Loading - PS 560 2T3						
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	* 810	0.05	* 810	* 810	* 810	1.00
36	710	0.14	710	710	500	1.00
48	540	0.25	540	430	280	0.98
60	430	0.40	360	270	180	0.93
72	360	0.57	250	190	130	0.88
84	310	0.78	190	140	90	0.83
96	270	1.02	140	110	70	0.79
108	240	1.29	110	80	60	0.74
120	210	1.54	90	70	50	0.69
144	180	2.29	60	50	30	0.60
Note	*Load limited by weld shear					

Refer to the General Specifications for loading information.

Column Loading - PS 560 2T3					
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	2,830	10,390	10,000	9,470	8,960
36	2,740	9,530	8,960	7,870	6,700
48	2,590	8,620	7,480	5,910	4,440
60	2,340	7,380	5,910	4,090	2,840
72	2,020	6,110	4,440	2,840	1,970
84	1,700	4,880	3,260	2,090	KL/r>200
96	1,440	3,780	2,500	KL/r>200	KL/r>200
108	1,230	2,990	1,970	KL/r>200	KL/r>200

Refer to the General Specifications for loading information.

**Project:**

**Architect / Engineer:**

**Date:**  **Phone:**

**Contractor:**

**Address:**

**Notes:**

**Approval Stamp:**