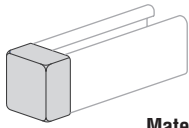


PS 6153 - Strut Safety End Cap

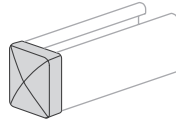
(For OSHA Req'd End of Hand Rail)



Material: Red Colored PVC

Part No.	Use With	Wt./100 pcs.
PS-6153-1	PS-100, PS200 2T3	5.0
PS-6153-2	PS-200,PS-210	2.8
PS-6153-3	PS-300	2.5
PS-6153-5	PS-500, PS-520, PS560	2.0

PS 6152 – Decorative End Cap



Finish: Electro-galvanized
Use With: PS-200, PS-210

Weight: 10 lbs./100 pcs.

PS 9050 – Green Touch-up Spray Paint



Aerosol can may be subject to shipping restrictions



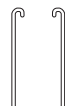
Weight: 253 lbs./100 boxes

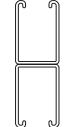
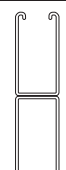
Lateral Bracing Load Reduction Charts

Lateral Bracing Factors										
Span		Single Channel								
Ft.	In	PS 100	PS 150	PS 200	PS 210	PS 300	PS 400	PS 500	PS 520	PS 560
2	24	0.98	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	36	0.85	0.89	0.94	0.89	0.96	1.00	0.98	1.00	0.94
4	48	0.70	0.77	0.88	0.78	0.91	0.98	0.94	1.00	0.88
5	60	0.55	0.67	0.82	0.68	0.88	0.96	0.91	1.00	0.83
6	72	0.44	0.58	0.78	0.59	0.84	0.94	0.89	0.98	0.79
7	84	0.38	0.51	0.75	0.52	0.82	0.92	0.86	0.97	0.75
8	96	0.33	0.46	0.71	0.47	0.79	0.91	0.84	0.96	0.72
9	108	0.30	0.42	0.69	0.43	0.77	0.89	0.82	0.95	0.69
10	120	0.28	0.40	0.66	0.40	0.75	0.87	0.80	0.93	0.66
12	144	0.24	0.36	0.61	0.36	0.70	0.84	0.76	0.91	0.60
14	168	0.22	0.32	0.55	0.32	0.66	0.81	0.73	0.89	0.55
16	192	0.21	0.30	0.51	0.30	0.62	0.78	0.69	0.86	0.50
18	216	0.19	0.28	0.47	0.28	0.58	0.75	0.65	0.84	0.47
20	240	0.18	0.26	0.44	0.26	0.54	0.72	0.61	0.81	0.43

Lateral Bracing Factors										
Span		Double Channel								
Ft.	In	PS 100 2T3	PS 150 2T3	PS 200 2T3	PS 210 2T3	PS 300 2T3	PS 400 2T3	PS 500 2T3	PS 520 2T3	PS 560 2T3
2	24	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	36	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4	48	0.97	0.98	1.00	0.98	1.00	1.00	1.00	1.00	0.98
5	60	0.90	0.93	0.97	0.93	0.98	1.00	0.96	1.00	0.93
6	72	0.83	0.87	0.93	0.87	0.95	0.97	0.92	0.97	0.88
7	84	0.76	0.81	0.89	0.82	0.92	0.95	0.89	0.95	0.83
8	96	0.68	0.76	0.85	0.76	0.88	0.92	0.85	0.92	0.79
9	108	0.61	0.70	0.81	0.70	0.85	0.90	0.81	0.90	0.74
10	120	0.54	0.64	0.78	0.65	0.82	0.87	0.78	0.87	0.69
12	144	0.43	0.53	0.70	0.54	0.76	0.82	0.71	0.83	0.60
14	168	0.35	0.45	0.63	0.45	0.70	0.77	0.64	0.78	0.51
16	192	0.30	0.39	0.56	0.39	0.64	0.72	0.57	0.73	0.44
18	216	0.27	0.34	0.49	0.34	0.58	0.67	0.50	0.68	0.39
20	240	0.24	0.30	0.44	0.31	0.52	0.62	0.45	0.63	0.35

Minimum Size Power-Strut Channel - To Comply with NFPA 13 Table 2-6.1 5(a) 1996 Edition

Channel Size	Sect. Mod. (in ³)
 <p>PS-200 1⁵/₈" x 1⁵/₈" x 12 ga.</p>	.202
 <p>PS-150 1⁵/₈" x 2⁷/₁₆" x 12 ga.</p>	.391
 <p>PS-100 1⁵/₈" x 3¹/₄" x 12 ga.</p>	.628

Channel Size	Sect. Mod. (in ³)
 <p>PS-150 2T3 1⁵/₈" x 4⁷/₈" x 12 ga.</p>	1.153
 <p>PS-100 2T3 1⁵/₈" x 6¹/₂" x 12 ga.</p>	1.716

Section Modulus Required for Trapeze Members (in.³)

Span of Trapeze	Pipe Size											
	1"	1 ¹ / ₄ "	1 ¹ / ₂ "	2"	2 ¹ / ₂ "	3"	3 ¹ / ₂ "	4"	5"	6"	8"	10"
1 ft. 6 in.	0.08	0.09	0.09	0.09	0.10	0.11	0.12	0.13	0.15	0.18	0.24	0.32
	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.15	0.18	0.22	0.30	0.41
2 ft. 0 in.	0.11	0.12	0.12	0.13	0.13	0.15	0.16	0.17	0.20	0.24	0.32	0.43
	0.11	0.12	0.12	0.13	0.15	0.16	0.18	0.20	0.24	0.29	0.40	0.55
2 ft. 6 in.	0.14	0.14	0.15	0.16	0.17	0.18	0.20	0.21	0.25	0.30	0.40	0.54
	0.14	0.15	0.15	0.16	0.18	0.21	0.22	0.25	0.30	0.36	0.50	0.68
3 ft. 0 in.	0.17	0.17	0.18	0.19	0.20	0.22	0.24	0.26	0.31	0.36	0.48	0.65
	0.17	0.18	0.18	0.20	0.22	0.25	0.27	0.30	0.36	0.43	0.60	0.82
4 ft. 0 in.	0.22	0.23	0.24	0.25	0.27	0.29	0.32	0.34	0.41	0.48	0.64	0.87
	0.22	0.24	0.24	0.26	0.29	0.33	0.36	0.40	0.48	0.58	0.80	1.09
5 ft. 0 in.	0.28	0.29	0.30	0.31	0.34	0.37	0.40	0.43	0.51	0.59	0.80	1.08
	0.28	0.29	0.30	0.33	0.37	0.41	0.45	0.49	0.60	0.72	1.00	1.37
6 ft. 0 in.	0.33	0.35	0.36	0.38	0.41	0.44	0.48	0.51	0.61	0.71	0.97	1.30
	0.34	0.35	0.36	0.39	0.44	0.49	0.54	0.59	0.72	0.87	1.20	1.64
7 ft. 0 in.	0.39	0.40	0.41	0.44	0.47	0.52	0.55	0.60	0.71	0.83	1.13	1.52
	0.39	0.41	0.43	0.46	0.51	0.58	0.63	0.69	0.84	1.01	1.41	1.92
8 ft. 0 in.	0.44	0.46	0.47	0.50	0.54	0.59	0.63	0.68	0.81	0.95	1.29	1.73
	0.45	0.47	0.49	0.52	0.59	0.66	0.72	0.79	0.96	1.16	1.61	2.19
9 ft. 0 in.	0.50	0.52	0.53	0.56	0.61	0.66	0.71	0.77	0.92	1.07	1.45	1.95
	0.50	0.53	0.55	0.59	0.66	0.74	0.81	0.89	1.08	1.30	1.81	2.46
10 ft. 0 in.	0.56	0.58	0.59	0.63	0.68	0.74	0.79	0.85	1.02	1.19	1.61	2.17
	0.56	0.59	0.61	0.65	0.74	0.82	0.90	0.99	1.20	1.44	2.01	2.74

PS-100

PS-150 2T3

PS-100 2T3

Exceeds Section Modulus for Channel Shown Above

Top values are for Schedule 10 pipe; bottom values are for Schedule 40 Pipe.