



ASCE 7-10 Exposure C Span and Cantilever Chart in Inches for flush mount of P6 rail with 66" Maximum Module Length and building height ≤30

Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch
	105	110	115	120	130	140	150	160	165	170	180	200	
0	86	82	79	76	71	66	62	59	57	55	52	47	0 ≤ 7°
10	77	75	73	72	68	65	62	59	57	55	52	47	
15	71	69	68	66	64	61	59	56	55	54	52	47	
20	66	65	63	62	60	58	56	54	53	52	50	46	
25	62	61	60	59	57	55	53	51	51	50	48	45	
30	58	58	57	56	54	53	51	49	49	48	46	44	
40	53	52	52	51	50	49	47	46	45	45	44	41	
50	48	48	48	47	46	45	44	43	43	42	41	39	
60	44	44	44	44	43	43	42	41	40	40	39	37	
0	90	86	83	80	75	70	65	62	60	58	55	50	7° < 0 ≤ 27°
10	79	77	75	74	70	67	64	62	60	58	55	50	
15	72	71	70	68	66	63	61	58	57	56	54	50	
20	67	66	65	64	62	59	57	55	54	53	52	48	
25	63	62	61	60	58	56	55	53	52	51	50	47	
30	59	59	58	57	55	54	52	51	50	49	48	45	
40	53	53	53	52	51	49	48	47	46	46	45	42	
50	48	48	48	48	47	46	45	44	44	43	42	40	
60	44	44	44	44	44	43	42	42	41	41	40	38	
0	86	82	79	76	71	66	62	59	57	55	52	47	27° < 0 ≤ 45°
10	77	75	73	72	68	65	62	59	57	55	52	47	
15	71	69	68	66	64	61	59	56	55	54	52	47	
20	66	65	63	62	60	58	56	54	53	52	50	46	
25	62	61	60	59	57	55	53	51	51	50	48	45	
30	58	58	57	56	54	53	51	49	49	48	46	44	
40	53	52	52	51	50	49	47	46	45	45	44	41	
50	48	48	48	47	46	45	44	43	43	42	41	39	
60	44	44	44	44	43	43	42	41	40	40	39	37	

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact PLP for consultation.

ASCE 7-10 Exposure C Span and Cantilever Chart in Inches for flush mount of P6 rail with 77" Maximum Module Length and building height ≤30

Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch
	105	110	115	120	130	140	150	160	165	170	180	200	
0	79	76	73	71	66	61	58	54	53	51	49	44	0 ≤ 7°
10	71	70	68	66	63	60	57	54	53	51	49	44	
15	66	64	63	61	59	57	54	52	51	50	48	44	
20	61	60	59	58	56	53	52	50	49	48	46	43	
25	57	56	55	54	53	51	49	48	47	46	44	42	
30	54	53	52	52	50	49	47	46	45	44	43	40	
40	49	48	48	47	46	45	44	43	42	41	40	38	
50	44	44	44	44	43	42	41	40	39	39	38	36	
60	41	41	41	41	40	39	39	38	37	37	36	35	
0	83	80	77	74	69	65	61	57	55	54	51	46	7° < 0 ≤ 27°
10	73	72	70	68	65	62	59	57	55	54	51	46	
15	67	66	64	63	61	58	56	54	53	52	50	46	
20	62	61	60	59	57	55	53	51	50	49	48	45	
25	58	57	56	56	54	52	50	49	48	47	46	43	
30	55	54	53	53	51	50	48	47	46	46	44	42	
40	49	49	49	48	47	46	45	44	43	42	41	39	
50	44	44	44	44	44	43	42	41	40	40	39	37	
60	41	41	41	41	41	40	39	38	38	38	37	35	
0	79	76	73	71	66	61	58	54	53	51	49	44	27° < 0 ≤ 45°
10	71	70	68	66	63	60	57	54	53	51	49	44	
15	66	64	63	61	59	57	54	52	51	50	48	44	
20	61	60	59	58	56	53	52	50	49	48	46	43	
25	57	56	55	54	53	51	49	48	47	46	44	42	
30	54	53	52	52	50	49	47	46	45	44	43	40	
40	49	48	48	47	46	45	44	43	42	41	40	38	
50	44	44	44	44	43	42	41	40	39	39	38	36	
60	41	41	41	41	40	39	39	38	37	37	36	35	

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact PLP for consultation.