

22 Gauge EQ Stud Properties Table

Member Designation	DESCRIPTION			GROSS SECTION PROPERTIES										EFFECTIVE PROPERTIES				TORSIONAL PROPERTIES				Lu (in)
	Minimum Thickness (inch)	Design Thickness (inch)	Min. Yield Stress (ksi)	Weight (lb/ft)	Area (in ²)	I _x (in ⁴)	r _x (in)	I _y (in ⁴)	r _y (in)	I _{xc} (in ⁴)	S _{xc} (in ³)	M _a (Fully Braced) (K-in)	M _a (Braced @ 48" o/c) (K-in)	V _{no} (lbs)	V _{net} (lbs)	X _c (in)	J x 10 ³ (in ⁴)	C _w (in ⁶)	r _o (in)	β		
162PS137-19	0.018	0.0189	41	0.30	0.094	0.044	0.683	0.025	0.517	0.039	0.045	1.09	0.97	219	219	-1.275	0.01116	0.017	1.537	0.311	31.7	
250PS137-19	0.018	0.0189	41	0.36	0.110	0.116	1.024	0.029	0.510	0.104	0.077	1.89	1.66	436	111	-1.105	0.01313	0.040	1.591	0.517	33.3	
362PS137-19	0.018	0.0189	41	0.43	0.132	0.271	1.435	0.032	0.493	0.240	0.123	3.01	2.67	288	126	-0.957	0.01566	0.087	1.794	0.715	35.1	
400PS137-19	0.018	0.0189	41	0.45	0.139	0.341	1.568	0.033	0.486	0.301	0.138	3.39	3.00	245	152	-0.918	0.01651	0.108	1.881	0.762	34.9	
600PS137-19	0.018	0.0189	41	0.57	0.176	0.889	2.244	0.036	0.453	0.766	0.226	5.54	4.72	135	135	-0.760	0.02101	0.263	2.413	0.901	30.4	

For SI: 1 inch = 25.4 mm, 1lb/ft = 14.6 N/m, 1 in-lb = 0.112985 N-m.

22 Gauge EQ Track Properties Table

DESCRIPTION				GROSS SECTION PROPERTIES						EFFECTIVE PROPERTIES						TORSIONAL PROPERTIES			
Member Designation	Minimum Thickness (inch)	Design Thickness (inch)	Min. Yield Stress (ksi)	Weight (lb/ft)	Area (in ²)	I _x (in ⁴)	r _x (in)	I _y (in ⁴)	r _y (in)	I _{xe} (in ⁴)	S _{xe} (in ³)	M _a (k-in)	V _{ag} (lbs)	X _o (in)	J x 10 ³ (in ⁴)	C _w (in ⁶)	r _o (in)	β	
162PT125-19	0.018	0.0189	41	0.26	0.081	0.039	0.690	0.015	0.435	0.034	0.039	0.96	116	-0.972	0.00967	0.007	1.269	0.413	
250PT125-19	0.018	0.0189	41	0.32	0.098	0.101	1.018	0.017	0.421	0.091	0.068	1.68	341	-0.830	0.01164	0.020	1.379	0.638	
362PT125-19	0.018	0.0189	41	0.39	0.119	0.238	1.413	0.019	0.400	0.214	0.111	2.71	251	-0.708	0.01417	0.047	1.630	0.811	
400PT125-19	0.018	0.0189	41	0.41	0.126	0.299	1.540	0.019	0.393	0.268	0.124	3.05	217	-0.676	0.01502	0.059	1.727	0.847	
600PT125-19	0.018	0.0189	41	0.53	0.164	0.789	2.194	0.021	0.359	0.674	0.199	4.87	126	-0.550	0.01952	0.149	2.290	0.942	

For SI: 1 inch = 25.4 mm, 1lb/ft = 14.6 N/m, 1 in-lb = 0.112985 N-m.