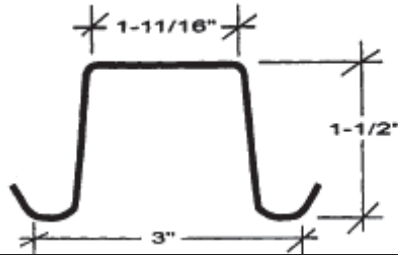


**PRODUCT INFORMATION**

**MAR-GIRT**



SECTION PROPERTIES								
PANEL GAUGE	Fy (KSI)	WEIGHT (PLF)	TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
			Ix (in. 4/ft.)	Se (in. 3/ft.)	Ma (Kip in.)	Ix (in. 4/ft.)	Se (in. 3/ft.)	Ma (Kip in.)
24	50	.53	.0438	.0550	1.649	.0506	.0638	1.915
22	50	.66	.0573	.0736	2.208	.0628	.0791	.2372
20	50	.80	.0730	.0941	2.824	.0765	.0959	2.878
18	50	1.06	.1024	.1278	3.834	.1024	.1278	3.834
16	50	1.33	.1289	.1600	4.799	.1289	.1600	4.799

**Single Span Condition**

SPAN (FT)	16 GAUGE		18 GAUGE		20 GAUGE		22 GAUGE		24 GAUGE	
	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)
2.0	800	1067	639	848	470	605	369	465	275	347
3.0	356	417	284	331	209	247	164	203	122	154
4.0	176	176	140	140	105	104	84	86	64	69
5.0	90	90	72	72	54	53	43	44	33	35
6.0	52	52	41	41	31	31	25	25	19	20
7.0	33	33	26	26	20	19	16	16	12	13
8.0	22	22	17	17	13	13	10	11	8	9
9.0	15	15	12	12	9	9	7	8	6	6
10.0	11	11	9	9	7	7	5	5	5	4

**Two Span Condition**

SPAN (FT)	16 GAUGE		18 GAUGE		20 GAUGE		22 GAUGE		24 GAUGE	
	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)
2.0	800	1067	639	848	480	605	396	465	319	347
3.0	356	474	284	377	213	269	176	206	142	154
4.0	200	267	160	211	120	151	99	116	80	87
5.0	128	171	102	136	77	97	63	74	51	35
6.0	88	99	71	78	53	67	44	52	35	38
7.0	62	62	50	49	37	37	30	38	23	24
8.0	42	42	33	33	25	25	20	20	15	16
9.0	29	29	23	23	17	17	14	14	11	11
10.0	21	21	17	17	13	13	10	10	8	8

**Triple Span Condition**

SPAN (FT)	16 GAUGE		18 GAUGE		20 GAUGE		22 GAUGE		24 GAUGE	
	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)	LL (PLF)	WL (PLF)
2.0	999	1333	799	1060	600	756	494	582	399	434
3.0	444	474	355	471	266	336	220	259	177	193
4.0	250	333	200	265	150	189	124	145	100	109
5.0	160	171	127	136	96	101	79	83	62	67
6.0	99	99	89	78	59	84	47	65	36	39
7.0	62	62	50	49	37	37	30	47	23	24
8.0	42	42	33	33	25	25	20	20	15	16
9.0	29	29	23	23	17	17	14	14	11	11
10.0	21	21	17	17	13	13	10	10	8	8

LL = Live Load Limited by Deflection L/180 / WL = Negative Wind Load

Please visit our website at [www.MarlynMetalsInc.com](http://www.MarlynMetalsInc.com)