

Bar Size	Symbol / Apprx. Wgt*** Lbs/Sq. Ft.		Ped. Span	Sec. Mod. Per Ft. Of Width		Clear Span												
						2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	8'-0"	9'-0"
3/4" x 1/8"	13W4	13P4	45"	.173	U	519	332	231	170	130	103	U=Safe uniform load, lb/sq ft C=Safe concentrated load, lb/ft of grating width, at mid-span D=Deflection in inches						
	5.3#	5.8#			D	.099	.155	.223	.304	.397	.503							
	13W2	13P2			C	519	415	346	297	260	231							
	5.9#	6.7#			D	.079	.124	.179	.243	.318	.402							
3/4" x 3/16"	13W4	13P4	50"	.260	U	779	498	346	254	195	154	125	Data is theoretical and based on 18,000 psi.					
	7.8#	8.6#			D	.099	.155	.223	.304	.397	.503	.621						
	13W2	13P2			C	779	623	519	445	389	346	312	Install Cross Rods on Top.					
	8.4#	10.1#			D	.079	.124	.179	.243	.318	.402	.497						
1" x 1/8"	13W4	13P4	56"	.308	U	923	591	410	301	231	182	148	122	103	<div>% Open Area<sup>1</sup></div> <div>Bars1/8"3/16"</div> <div>4"cc78%70%</div> <div>2"cc72%64%</div> <div><sup>1</sup>Open Area % for reference only - %'s will vary with material &amp; mfg. process.</div>			
	6.9#	7.4#			D	.074	.116	.168	.228	.298	.377	.466	.563	.670				
	13W2	13P2			C	923	738	615	527	462	410	369	336	308				
	7.5#	8.3#			D	.060	.093	.134	.182	.238	.302	.372	.451	.536				
1" x 3/16"	13W4	13P4	62"	.462	U	1385	886	615	452	346	274	222	183	154				
	10.2#	11.0#			D	.074	.116	.168	.228	.298	.377	.466	.563	.670				
	13W2	13P2			C	1385	1108	923	791	692	615	554	503	462				
	10.8#	12.4#			D	.060	.093	.134	.182	.238	.302	.372	.451	.536				
1-1/4" x 1/8"	13W4	13P4	67"	.481	U	1442	923	641	471	361	285	231	191	160	137	118		
	8.5#	9.3#			D	.060	.093	.134	.182	.238	.302	.372	.451	.536	.629	.730		
	13W2	13P2			C	1442	1154	962	824	721	641	577	524	481	444	412		
	9.1#	10.5#			D	.048	.074	.107	.146	.191	.241	.298	.360	.429	.504	.584		
1-1/4" x 3/16"	13W4	13P4	74"	.721	U	2163	1385	962	706	541	427	346	286	240	205	177		
	12.6#	13.9#			D	.060	.093	.134	.182	.238	.302	.372	.451	.536	.629	.730		
	13W2	13P2			C	2163	1731	1442	1236	1082	962	865	787	721	666	618		
	13.2#	15.8#			D	.048	.074	.107	.146	.191	.241	.298	.360	.429	.504	.584		
1-1/2" x 1/8"	13W4	13P4	77"	.692	U	2077	1329	923	678	519	410	332	275	231	197	170	130	103
	10.1#	10.9#			D	.050	.078	.112	.152	.199	.251	.310	.376	.447	.524	.608	.794	1.006
	13W2	13P2			C	2077	1662	1385	1187	1038	923	831	755	692	639	593	519	462
	10.7#	12.1#			D	.040	.062	.089	.122	.159	.201	.248	.300	.358	.420	.487	.636	.804
1-1/2" x 3/16"	13W4	13P4	85"	1.038	U	3115	1994	1385	1017	779	615	498	412	346	295	254	195	154
	15.0#	16.3#			D	.050	.078	.112	.152	.199	.251	.310	.376	.447	.524	.608	.794	1.006
	13W2	13P2			C	3115	2492	2077	1780	1558	1385	1246	1133	1038	959	890	779	692
	15.6#	18.2#			D	.040	.062	.089	.122	.159	.201	.248	.300	.358	.420	.487	.636	.804
1-3/4" x 3/16"	13W4	13P4	95"	1.413	U	4240	2714	1885	1385	1060	838	678	561	471	401	346	265	209
	17.4#	18.7#			D	.043	.067	.096	.130	.170	.215	.266	.322	.383	.450	.521	.681	.862
	13W2	13P2			C	4240	3392	2827	2423	2120	1885	1696	1542	1413	1305	1212	1060	942
	18.0#	20.6#			D	.034	.053	.077	.104	.136	.172	.213	.257	.306	.360	.417	.545	.689
2" x 3/16"	13W4	13P4	105"	1.846	U	5538	3545	2462	1808	1385	1094	886	732	615	524	452	346	274
	19.8#	21.1#			D	.037	.058	.084	.114	.149	.189	.233	.282	.335	.393	.456	.596	.754
	13W2	13P2			C	5538	4431	3692	3165	2769	2462	2215	2014	1846	1704	1582	1385	1231
	20.4#	23.0#			D	.030	.047	.067	.091	.119	.151	.186	.225	.268	.315	.365	.477	.603
2-1/4" x 3/16"	13W4	13P4	115"	2.337	U	7010	4486	3115	2289	1752	1385	1122	927	779	664	572	438	346
	22.2#	23.5#			D	.033	.052	.074	.101	.132	.168	.207	.250	.298	.350	.406	.530	.670
	13W2	13P2			C	7010	5608	4673	4005	3505	3115	2804	2549	2337	2157	2003	1752	1558
	22.8#	25.4#			D	.026	.041	.060	.081	.106	.134	.166	.200	.238	.280	.324	.424	.536
2-1/2" x 3/16"	13W4	13P4	124"	2.885	U	8654	5538	3846	2826	2163	1709	1385	1144	962	819	706	541	427
	24.6#	25.9#			D	.030	.047	.067	.091	.119	.151	.186	.225	.268	.315	.365	.477	.603
	13W2	13P2			C	8654	6923	5769	4945	4327	3846	3462	3147	2885	2663	2473	2163	1923
	25.2#	27.8#			D	.024	.037	.054	.073	.095	.121	.149	.180	.215	.252	.292	.381	.483

\*\*\*Note: Weight depends on panel width, cross bar selection, mill tolerance and manufacturing tolerance.