

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"	11W4	11P4	11S4	47"	.205	U	614	393	273	200	153	121	98	U=Safe uniform load, lb/sq ft C=Safe concentrated load, lb/ft of grating width, at mid-span D=Deflection in inches Data is theoretical and based on 18,000 psi. Install Cross Rods on Top.																							
	6.2#	6.6#	6.1#			D	.099	.155	.223	.304	.397	.503	.621																								
	11W2	11P2	11S2			C	614	491	409	351	307	273	245																								
	6.8#	7.6#	6.7#			D	.079	.124	.179	.243	.318	.402	.497																								
3/4" x 3/16"	11W4	11P4	11S4	52"	.307	U	920	589	409	301	230	182	147						Data is theoretical and based on 18,000 psi. Install Cross Rods on Top.																		
	9.1#	9.9#	9.0#			D	.099	.155	.223	.304	.397	.503	.621																								
	11W2	11P2	11S2			C	920	736	614	526	460	409	368																								
	9.7#	11.3#	9.6#			D	.079	.124	.179	.243	.318	.402	.497																								
1" x 1/8"	11W4	11P4	11S4	59"	.364	U	1091	698	485	356	273	215	175											144	121	% Open Area¹ <table border="1"> <tr> <td>Bars</td> <td>1/8"</td> <td>3/16"</td> </tr> <tr> <td>4"cc</td> <td>75%</td> <td>66%</td> </tr> <tr> <td>2"cc</td> <td>69%</td> <td>60%</td> </tr> </table>			Bars	1/8"	3/16"	4"cc	75%	66%	2"cc	69%	60%
	Bars	1/8"	3/16"																																		
	4"cc	75%	66%																																		
	2"cc	69%	60%																																		
8.1#	8.5#	8.0#	D	.074	.116	.168	.228	.298	.377	.466	.563	.670																									
11W2	11P2	11S2	C	1091	873	727	623	545	485	436	397	364																									
8.6#	9.4#	8.6#	D	.060	.093	.134	.182	.238	.302	.372	.451	.536																									
1" x 3/16"	11W4	11P4	11S4	65"	.545	U	1636	1047	727	534	409	323	262	216	182	155	¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.																				
	11.9#	12.7#	11.7#			D	.074	.116	.168	.228	.298	.377	.466	.563	.670																						
	11W2	11P2	11S2			C	1636	1309	1091	935	818	727	655	595	545	503																					
	12.5#	14.2#	12.3#			D	.060	.093	.134	.182	.238	.302	.372	.451	.536	.629																					
1-1/4" x 1/8"	11W4	11P4	11S4	70"	.568	U	1705	1091	758	557	426	337	273	225	189	161				139	¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.																
	10.0#	10.7#	9.9#			D	.060	.093	.134	.182	.238	.302	.372	.451	.536	.629	.730																				
	11W2	11P2	11S2			C	1705	1364	1136	974	852	758	682	620	568	524	487																				
	10.5#	12.0#	10.5#			D	.048	.074	.107	.146	.191	.241	.298	.360	.429	.504	.584																				
1-1/4" x 3/16"	11W4	11P4	11S4	77"	.852	U	2557	1636	1136	835	639	505	409	338	284	242	209	160	¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.																		
	14.7#	16.0#	14.5#			D	.060	.093	.134	.182	.238	.302	.372	.451	.536	.629	.730	.953																			
	11W2	11P2	11S2			C	2557	2045	1705	1461	1278	1136	1023	930	852	787	731	639																			
	15.3#	17.9#	15.1#			D	.048	.074	.107	.146	.191	.241	.298	.360	.429	.504	.584	.763																			
1-1/2" x 1/8"	11W4	11P4	11S4	80"	.818	U	2455	1571	1091	801	614	485	393	325	273	232	200	153				121	¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.														
	11.9#	12.6#	11.7#			D	.050	.078	.112	.152	.199	.251	.310	.376	.447	.524	.608	.794	1.006																		
	11W2	11P2	11S2			C	2455	1964	1636	1403	1227	1091	982	893	818	755	701	614	545																		
	12.4#	13.9#	12.3#			D	.040	.062	.089	.122	.159	.201	.248	.300	.358	.420	.487	.636	.804																		
1-1/2" x 3/16"	11W4	11P4	11S4	88"	1.227	U	3682	2356	1636	1202	920	727	589	487	409	349	301	230	182	¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.																	
	17.5#	18.8#	17.3#			D	.050	.078	.112	.152	.199	.251	.310	.376	.447	.524	.608	.794	1.006																		
	11W2	11P2	11S2			C	3682	2945	2455	2104	1841	1636	1473	1339	1227	1133	1052	920	818																		
	18.1#	20.7#	17.9#			D	.040	.062	.089	.122	.159	.201	.248	.300	.358	.420	.487	.636	.804																		
1-3/4" x 3/16"	11W4	11P4	11S4	99"	1.670	U	5011	3207	2227	1636	1253	990	802	663	557	474	409	313	247				¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.														
	20.4#	21.7#	20.1#			D	.043	.067	.096	.130	.170	.215	.266	.322	.383	.450	.521	.681	.862																		
	11W2	11P2	11S2			C	5011	4009	3341	2864	2506	2227	2005	1822	1670	1542	1432	1253	1114																		
	21.0#	23.6#	20.7#			D	.034	.053	.077	.104	.136	.172	.213	.257	.306	.360	.417	.545	.689																		
2" x 3/16"	11W4	11P4	11S4	110"	2.182	U	6545	4189	2909	2137	1636	1293	1047	866	727	620	534	409	323	¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.																	
	23.2#	24.5#	22.9#			D	.037	.058	.084	.114	.149	.189	.233	.282	.335	.393	.456	.596	.754																		
	11W2	11P2	11S2			C	6545	5236	4364	3740	3273	2909	2618	2380	2182	2014	1870	1636	1455																		
	23.8#	26.4#	23.5#			D	.030	.047	.067	.091	.119	.151	.186	.225	.268	.315	.365	.477	.603																		
2-1/4" x 3/16"	11W4	11P4	11S4	120"	2.761	U	8284	5302	3682	2705	2071	1636	1325	1095	920	784	676	518	409				¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.														
	26.0#	27.3#	25.7#			D	.033	.052	.074	.101	.132	.168	.207	.250	.298	.350	.406	.530	.670																		
	11W2	11P2	11S2			C	8284	6627	5523	4734	4142	3682	3314	3012	2761	2549	2367	2071	1841																		
	26.6#	29.2#	26.3#			D	.026	.041	.060	.081	.106	.134	.166	.200	.238	.280	.324	.424	.536																		
2-1/2" x 3/16"	11W4	11P4	11S4	130"	3.409	U	10227	6545	4545	3340	2557	2020	1636	1352	1136	968	835	639	505	¹ Open Area % for reference only - %'s will vary with mater- ial & mfg. process.																	
	28.8#	30.1#	28.4#			D	.030	.047	.067	.091	.119	.151	.186	.225	.268	.315	.365	.477	.603																		
	11W2	11P2	11S2			C	10227	8182	6818	5844	5114	4545	4091	3719	3409	3147	2922	2557	2273																		
	29.4#	32.0#	29.0#			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.