

Data is theoretical and based on 20,000 psi.

Bar Size	Symbol / Apprx. Wgt*** Lbs/Sq. Ft.		Sec. Mod. Per Ft. Of Width	Maximum Safe Concentrated Load*, Lbs. - Clear Span										
				2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	7'-0"	8'-0"
2-1/2" x 1/4"	15WF4	44.81#	3.333	11110	8888	7407	6349	5555	4938	% Open Area = 51%				
3" x 1/4"	15WF4	50.25#	4.800	16000	12800	10667	9143	8000	7111	6400				
3-1/2" x 1/4"	15WF4	55.69#	6.533	21777	17421	14518	12444	10888	9679	8711	7919			
4" x 1/4"	15WF4	61.13#	8.533	28443	22755	18962	16253	14222	12641	11377	10343	9481		
4-1/2" x 1/4"	15WF4	66.57#	10.800	36000	28800	24000	20571	18000	16000	14400	13091	12000	10286	
5" x 1/4"	15WF4	72.01#	13.333	44443	35555	29629	25396	22222	19753	17777	16161	14814	12698	11111

* Based on 12.8 bars/ft of grating width. Bearing bars 15/16" center to center.

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