

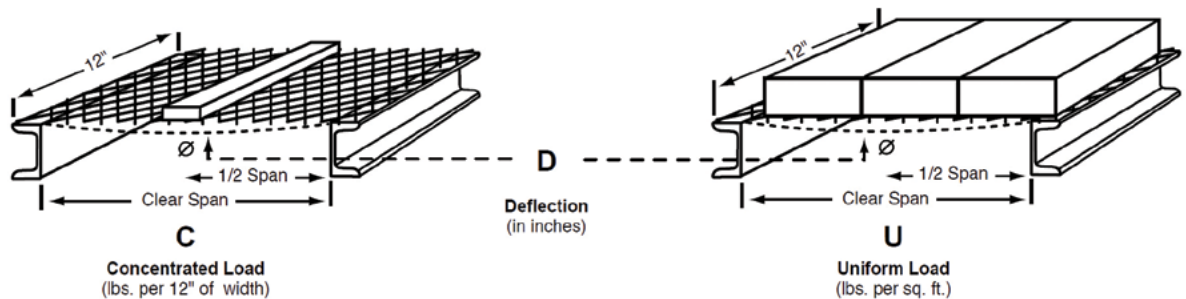
Expanded Metal Grating and Catwalk Grating Load Table

Grating Style	Clear Span	Load Type	Load In Pounds				
			50	100	200	300	500
3.0# Carbon Steel	2'-0"	U	.076	.146	.293	.440	
		C	.068	.132	.263	.395	
	2'-6"	U	.155	.311			
		C	.116	.228			
	3'-0"	U	.330	.660			
		C	.192	.380			
3.14# Carbon Steel	2'-0"	U	.057	.115	.230	.346	
		C	.049	.094	.187	.280	
	2'-6"	U	.129	.259	.517		
		C	.099	.198	.395		
	3'-0"	U	.315	.626			
		C	.180	.357			
4.0# Carbon Steel	2'-0"	U	.37	.073	.147	.222	.370
		C	.031	.064	.128	.192	.320
	2'-6"	U	.068	.135	.274	.410	
		C	.060	.120	.240	.360	
	3'-0"	U	.180	.358			
		C	.101	.205			
4.27# Carbon Steel	2'-0"	U	.038	.079	.160	.210	.400
		C	.038	.078	.156	.235	.395
	2'-6"	U	.078	.156	.312	.470	
		C	.081	.163	.327	.491	
	3'-0"	U	.186	.373			
		C	.124	.250			

Grating Style	Clear Span	Load Type	Load In Pounds				
			50	100	200	300	500
5.0# Carbon Steel	2'-0"	U	.025	.050	.100	.150	.250
		C	.023	.047	.093	.140	.234
	3'-0"	U	.133	.265	.526		
		C	.078	.154	.305		
	4'-0"	U	.355	.708			
		C	.155	.306			
6.25# Carbon Steel	2'-0"	U	.017	.035	.072	.110	.181
		C	.015	.030	.060	.090	.150
	3'-0"	U	.002	.184	.368	.552	
		C	.054	.108	.216	.324	
	4'-0"	U	.285	.576			
		C	.117	.236			
7.0# Carbon Steel	2'-0"	U	.039	.079	.157	.236	.392
		C	.030	.061	.121	.382	.303
	3'-0"	U	.085	.170	.336	.501	
		C	.051	.101	.201	.301	
	4'-0"	U	.210	.420			
		C	.095	.190			
2.0# Aluminum	2'-0"	U	.047	.094	.189	.253	
		C	.016	.092	.181	.277	
	3'-0"	U	.108	.216			
		C	.092	.181			
	4'-0"	U	.213	.430			
		C	.125	.255			

Loads and values are based upon physical testing conducted by an independent testing laboratory. Clear span is the distance between supporting members measured from the inside point of support of one member to the inside point support of the next supporting member. Load Conditions: U = Uniform Load per square foot. C = Concentrated Load per foot width perpendicular to SWD. Values indicated represent detection based upon load conditions, clear span and indicated.

The expanded metal grating flooring Load Table is based on the following:



Clear Span: The distance between supports, measured from the inside edge of one support to the inside edge of the next support.

Concentrated Load: A load distributed over a relatively small area, such as a pedestrian load or portable equipment load. Typical concentrated loads are shown in pounds per foot of grating width, measured perpendicular to the span (i.e. in the SWD direction).

Deflection: The deviation in inches from the original plane when a piece of grating is placed under load.

Uniform Load: A load uniformly distributed over all of the clear span. Typical uniform load are shown in pounds per square foot of grating.