



EXPANDED METAL – GRATING & CATWALK LOAD TABLE

Expanded Metal — Grating & Catwalk Grating Load Table					
Material	Style	Load	Span		
			24"	36"	48"
Carbon Steel	3.0#	U	275	100	—
		D	0.250	0.220	—
		C	275	165	75
		D	0.250	0.250	0.250
	3.14#	U	375	150	50
		D	0.250	0.240	0.250
		C	375	155	75
		D	0.250	0.250	0.250
	4.0#	U	350	150	50
		D	0.240	0.245	0.250
		C	440	220	100
		D	0.250	0.250	0.250
	4.27#	U	500	165	60
		D	0.245	0.245	0.250
		C	400	225	100
		D	0.250	0.240	0.250
	5.0#	U	600	175	100
		D	0.240	0.240	0.250
		C	540	310	140
		D	0.245	0.250	0.250
	6.25#	U	800	300	115
		D	0.220	0.250	0.240
		C	800	300	150
		D	0.220	0.240	0.240
	7.0#	U	800	400	165
		D	0.210	0.250	0.240
		C	800	350	175
		D	0.220	0.240	0.250
Aluminum	2.0#	C	250	100	50
		D	0.250	0.250	0.250
Stainless Steel	3.3#	C	—	150	50
		D	—	0.197	0.135
	4.5#	C	300	150	100
		D	0.217	0.192	0.212

U - Uniform Load in Lbs. per Sq. Ft.

C - Mid-span Concentrated Load in Lbs. per Sq. Ft.

D - Deflection in inches

NOTE: The values presented in this table were measured with the test specimens securely welded to a supporting frame prior to imposition of load. Testing further indicates that if the test specimens are not so welded, the capacity of the grating is greatly reduced.