



GENERAL USE	(C) LBS./FT	CLEAR SPAN						
		24"	30"	36"	42"	48"	54"	60"
LIGHT PEDESTRIAN TRAFFIC	50	3.00# *	3.00# *	3.00# *	4.00# **	4.00# **	5.00#	6.25#
NORMAL PEDESTRIAN TRAFFIC	100	3.00# *	3.00# *	4.00# **	5.00#	6.25#	--	--
HEAVY PEDESTRIAN TRAFFIC & LIGHT EQUIPMENT	150	3.00# *	4.00# **	5.00#	6.25#	--	--	--
--	200	3.00# *	4.00# **	6.25#	7.00#	--	--	--
--	250	4.00# **	5.00#	--	--	--	--	--
--	300	4.00# **	6.25#	--	--	--	--	--
--	350	4.00# **	6.25#	--	--	--	--	--
--	400	4.00# **	6.25#	--	--	--	--	--

C - Concentrated Load - Lbs./Ft. of Width at Mid Span Measured Perpendicular to Span | \* 3.14# Grating may be used if the application calls for Grating to have a larger design (diamond) yielding a higher percentage of open area. \*\* 4.27# Grating may be used if application calls for Grating to have a smaller design (diamond) with a smaller percentage of open area. 2.00# Aluminum Expanded Metal Grating may be used in properly supported applications if the concentrated load is no more than 200 Lbs./Ft. with a clear span of 24", 150 Lbs./Ft. with a clear span of 30", or 100 Lbs./Ft. with a clear span of 36". Concentrated load values do not exceed 1/4" deflection, which is considered the maximum allowed to provide safe pedestrian comfort. Spans in chart (24", 30", 36", etc.) are clear, which is the measurement from the inside edge of one support to the inside edge of the next support. Technical information provided is theoretical and for evaluation by technically skilled persons, with any use thereof to be at their independent discretion and risk. McNICHOLS shall have no responsibility or liability for results obtained or damages resulting from improper evaluation or use of Expanded Metal Grating or Catwalk Grating.

