



3 Lb. GRATING

PART 1 GENERAL

1.1 SCOPE

Supply expanded metal panels utilizing the manufacturers' standard materials.

1.2 MATERIAL APPLICATIONS

- Ramps
- Flooring
- Platforms
- Walkways
- Trailers

1.3 BASE MATERIAL OPTIONS

- A. Hot Roll Steel
- B. Aluminum 3003
- C. Alternative material types, thicknesses, and open areas available. Contact Spantek's representative for options.

2.2 MATERIALS

- A. Mesh Description: 3# GRATING

2.3 FINISH SELECTION

- A. Anodize
- B. Powder Coat Paint
- C. PVDF Finish
- D. Other custom coatings



PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Basis of Design: Spantek Expanded Metal
Locations: Hopkins, MN and Lincolnton NC
800-828-7785

Table E - Concentrated Load Deflection Tables for a Fixed-Fixed Span
Carbon Steel

Style (lbs. per sq. ft.)		24-Inch Span	36-Inch Span
3# Grating	Concentrated Load Capacity (lb. / ft.)	274	126
3# Grating	Deflection Under Allowed Concentrated Load (in.)	.25	.25

Product Submitted	Material Thickness	Diamond Size (LWD x SWD)	Opening Size (LWO x SWO)	Overall Thickness	Percent Open Area	Mill Finish Weight per sq. ft.	Maximum Panel Dimensions
3# Grating	.183	5.33" x 1.33"	3.44" x .94"	.540	60%	3.00	72" x 120"

Please contact any of the dedicated employees at Spantek for custom, made-to-order metal components and design assistance.

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