



EXPANDED METAL TECHNICAL DATA

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EXPANDED METAL SPECIFICATIONS

PATTERN		<u>EM2</u>	<u>EM3</u>	<u>EM5</u>
METAL THICKNESS		.032"	.032"	.050"
WEIGHT / SQ.FT.		.2219#	.1938#	.2245#
DESIGN SIZE	SWD	.215"	.400"	.500"
	LWD	.390"	.745"	1.250"
OPENING SIZE	SWO	.100"	.312"	.450"
	LWO	.260"	.560"	1.060"
STRAND SIZE-WIDTH		.060"	.080"	.070"
OVERALL THICKNESS		.085"	.110"	.135"
DESIGNS / FT	SWD	56	30.5	22
	LWD	30.5	16	9.5
PERCENT / OPEN		50%	57%	68%

MATERIAL: Aluminum alloy 3003 H14

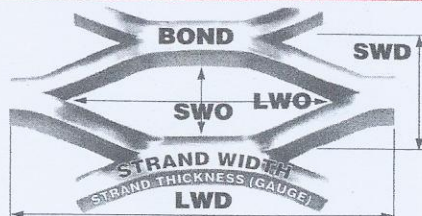
FINISH: Mill, anodized or powder coated

TOLERANCES: 0.00" - .500": +/- 7% .500" - UP: +/- 4%
 Width or Length Overall: +/- .093"
 Lateral bow: +/- .062"
 Flatness: Must lay flat from both sides
 Squareness: 1/16" per ft measured from 90°

OPEN SPACE OR PERCENT OPEN: Open space based upon based weight and open space normal to plane of sheet are the same for perforated sheets. For expanded metal, open space normal to the plane of sheet will be less than open space based upon weight.

Percent open calculated by taking average weight for actual sheet divided by theoretical weight of a solid sheet having the same dimension and thickness.

Design Terminology



Style Dimension - Nominal dimension Short Way of Design (SWD)

Design Size - Actual dimension SWD and LWD. Measured from a point to a corresponding point on the following design.

(SWO) Short Way of Opening (LWO) Long Way of Opening

Strands - The sides of the expanded metal design.

Strand Thickness - Gauge thickness of metal.

Strand Width - Amount of metal led under dies to produce one strand.