



SECURITY MESH

In Conjunction with Bailey Steel Framing

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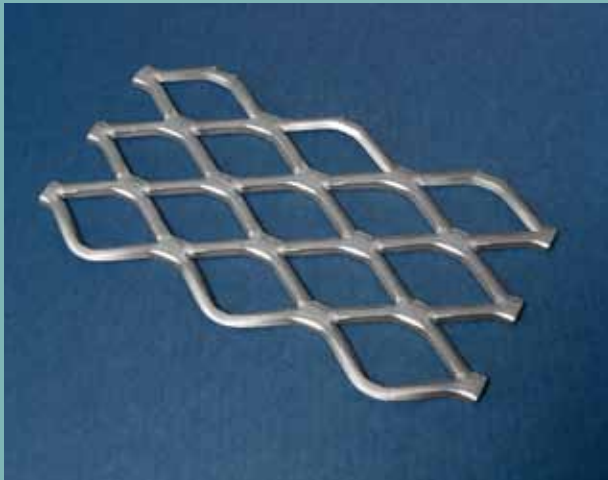
BENEFITS

- Provides security barrier in all applications
- Cannot be cut with hand cutters
- Mesh openings are too small for bolt or cable cutters
- Made by cutting and stretching a solid sheet of steel that will not unravel at the strands

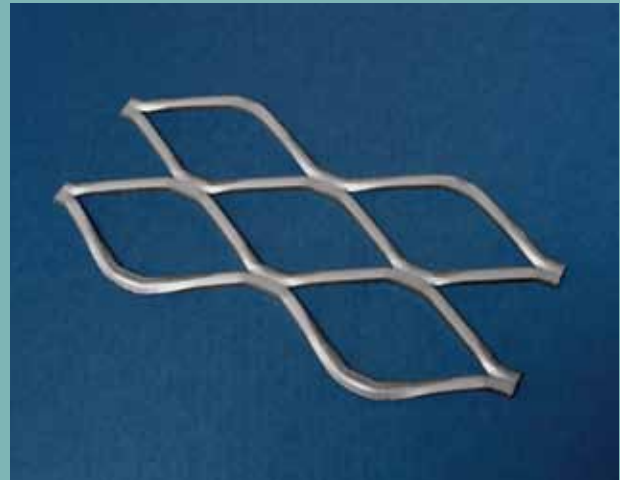


COMMON APPLICATIONS

Where security barriers are required between walls in government offices, banks, prisons, police stations, computer rooms, museums, strip malls, art galleries, pharmacies, liquor stores, condominiums, hospitals, or office security.



C ³/₄ #9F MESH



C 1 ¹/₂ #9F MESH

NOTE: Other sizes available upon request.

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GENERAL DETAILS



INSTALLATION

1. Cutting

- 10" circular saw with a carbide-tip blade
- Torch or high speed, heavy duty nibbler

2. Fastening Options

- One-way screws
- Self Drilling screws: Use pan head type. Screws need to be long enough to penetrate through steel studs at least $\frac{1}{4}$ inch.
- Nailing: (For use with wood support) Use minimum #11 gauge barbed roofing nails with at least $1\frac{3}{8}$ " penetration into the support or power driven staples with at least $\frac{3}{4}$ " penetration.
- Welding to Steel Studs: Security mesh should be fillet welded to steel studs 20 gauge or heavier, max 8" on center; edge welds must be within 2" of the edge.

3. End Joints and Edge Joints

- End Joints must be butted and occur over studs.
- Edge Joints should be butted and wire-tied at the mid point between supports.

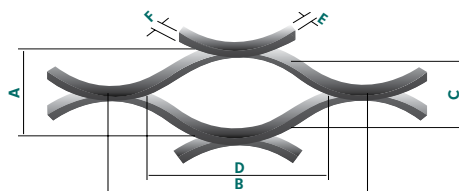
4. Overlapping

- If overlapping the material is necessary, a longer screw should be used to maintain $\frac{1}{4}$ " penetration.

STYLE NO. (use this number for ordering)	WEIGHT (lbs) PER		DESIGN SIZE (inches)		OPENING SIZE (inches)		STRAND (inches)		% OPEN AREA
			A	B	C	D	E	F	
	EXMET	CSF	SWD	LWD	SWO	LWO	Thick	Width	
C3/4 - 9F	56	176	.923	2.100	.563	1.688	.120	.165	63-69
C11/2 - 9F	36	114	1.330	3.200	1.000	2.560	.110	.158	72-78

TERMINOLOGY

S.W.D	Short Way Diamond
L.W.D	Long Way Diamond
Bond	Area where strands intersect
Strand Width	Surface area of metal strips forming diamond
Strand Thickness	Gauge of material being expanded
Flattening	Flattened short dimension diamond parallel to rolls
Levelling	Mesh roller levelled to reduced curving



- A Width of Mesh (S.W.D)
- B Length of Mesh (L.W.D)
- C Width of Opening
- D Length of Opening
- E Strand Thickness
- F Strand Width