



# ANC<sup>®</sup> Non-Conductive Fence System



TRANSFORMING MATERIALS

*into products that make a safer world*

# ANC<sup>®</sup> COMPOSITE FENCE SYSTEM

## Introduction

Alabama Metal Industries Corporation, AMICO, developed and produces the ANC Composite Fence System. The AMICO ANC System is a revolutionary concept that allows the security barrier to be non-conductive (does not conduct electricity) and have low radar reflectivity for airport applications.

AMICO's composite system is also:

- ◆ Non-Magnetic
- ◆ Fire Retardant
- ◆ Corrosion Resistant

## Dielectric Testing

ANC Composite Fencing utilizes panels, posts, fittings and fasteners all made from materials proven to be electrically non-conductive. Tests have been conducted by a certified laboratory in which leakage current and flashover voltage tests revealed NO electrical conductivity to 650,000 volts.

## The System

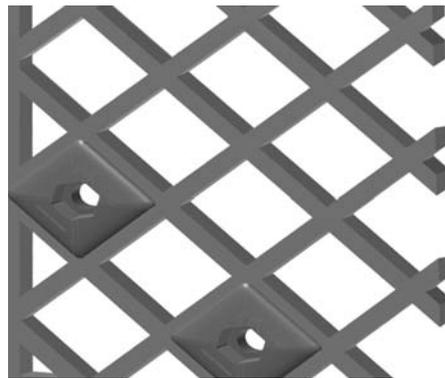
For ease of new construction and for the retrofit existing fences the basic components have been designed to be similar to standard fencing products. We utilize our network of Certified and Approved Dealer/Installers and can recommend skilled installers throughout the United States and Canada. Since the system is not made of metal the weight per square foot is much lighter than steel yet almost as strong. Typical ANC Composite Panels are capable of sustaining impact loads in excess of 2,000 lbs.

## Panels

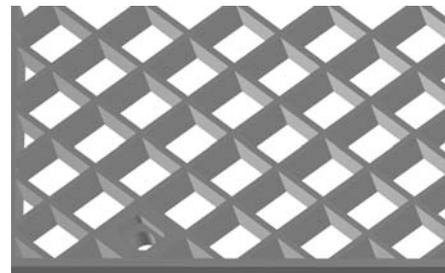
ANC Panels are manufactured in standard sizes; 3-ft and 4-ft high panels allow barriers to range from 3-ft. to over 20-ft high. Standard panels are 12-ft in length and are installed using AMICO specially designed posts on 6-ft centers. Smaller special sized panels can be fabricated from standard panels.

ANC has been tested for its resistance to forced entry to the ASTM Standard F2781 and evaluated to meet or exceed the identified threat categories. Listed below are the required time to cut a 2-ft x 2-ft opening in the mesh.

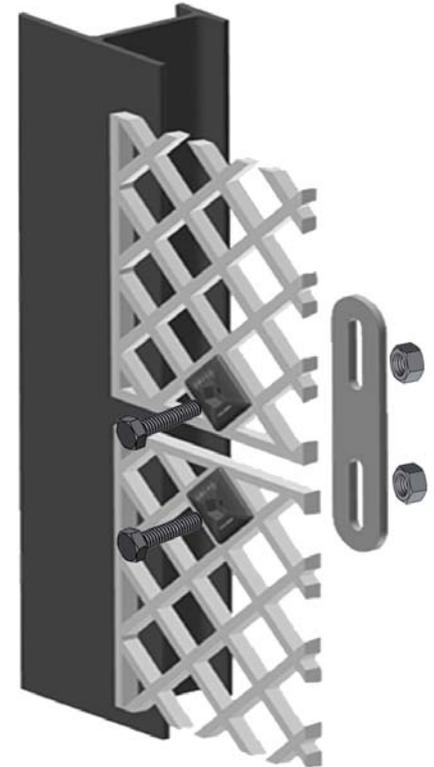
Mesh Style	Tool	Level	Time (min)	Rating
ANC 1.0-1.75	Fire Axe	L	2.5	L2.5
ANC 1.0-1.75	18V Disc Grinder	M	2.7	M2.7
ANC 1.0-1.75	20" Bolt Cutter	M	5	M5.0
ANC 1.0-1.75	18V Reciprocating Saw	M	4.1	M4.1
ANC .50-2.25	18V Reciprocating Saw	M	2.2	M2.2
ANC .50-2.25	20" Bolt Cutter	M	4	M4.0



ANC .50-2.25 Medium Security



ANC 1.0-1.75 Maximum Security  
Dark gray in the standard color.



Isometric view of ANC H-Posts, Panels, Wedge Plugs, Back Straps and threaded fasteners

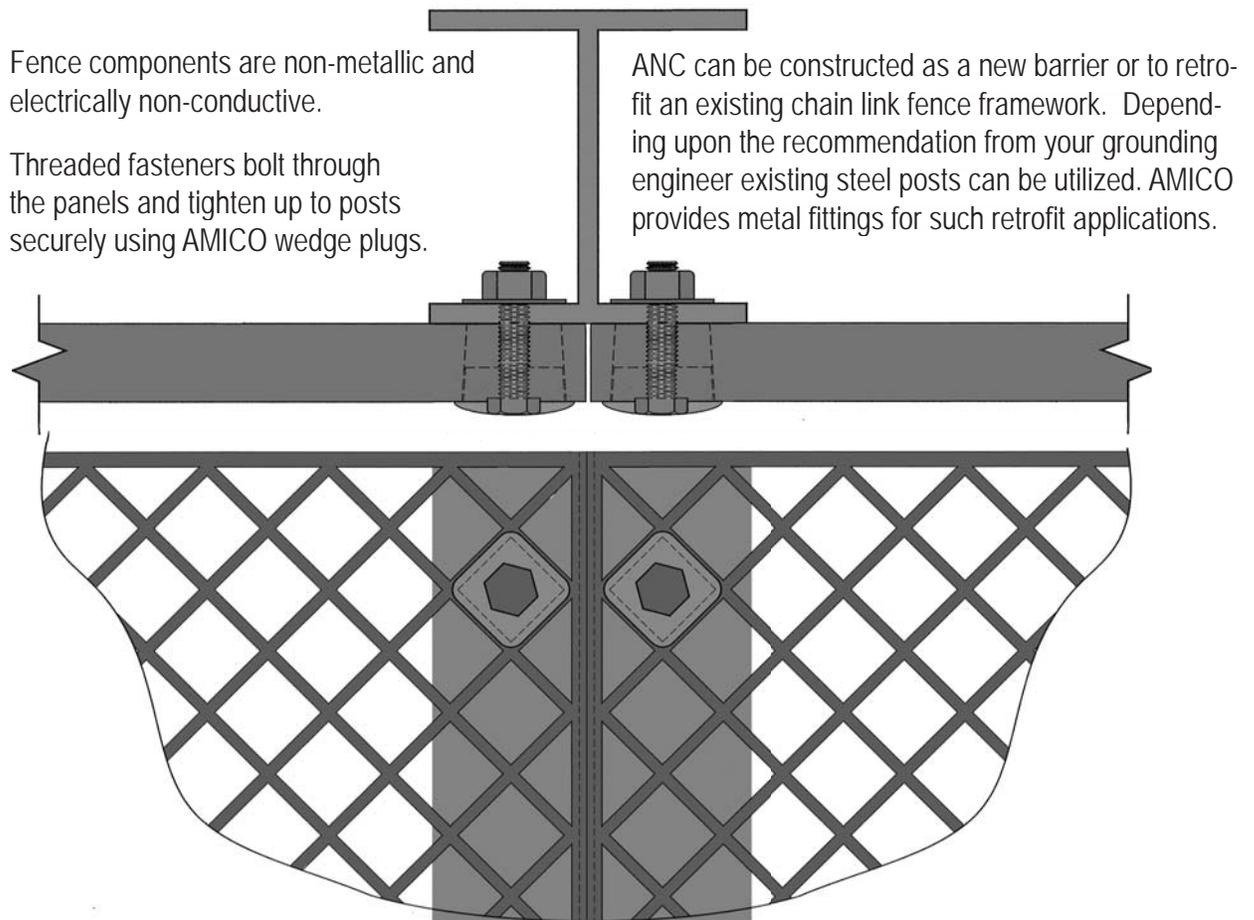


For more information call - 205.783.6249

# ANC<sup>®</sup> COMPOSITE FENCE SYSTEM

The ANC Composite Fence System™ combines non-conductivity and security into an easy to install solution for the energy industry, airports and marine transportation.

*The materials and information contained herein are designed as a guideline for selecting and planning a non-conductive barrier. Your grounding engineer must assess and approve the final specification.*



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Airport Applications  
Airports that require a barrier less reflective than metallic fencing will utilize AMICO ANC materials produced specifically for this application.



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