



ANC[®] Non-Conductive Fence System



TRANSFORMING MATERIALS

into products that make a safer world

ANC[®] COMPOSITE FENCE SYSTEM

Introduction

Alabama Metal Industries Corporation, AMICO, 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 low radar reflectivity for airport applications.

AMICO continues to introduce and improve physical security products with many added features. The ANC System is no exception. This composite fence system is also:

- Non-Magnetic
- Fire Retardant
- Corrosion Resistant

Dielectric Testing

Tests have been conducted by a certified laboratory in which leakage current and flashover voltage tests revealed NO electrical conductivity for up to 650,000 volts. The ANC System could have withstood even higher voltage but the testing lab could not test at higher levels.

The System

For ease of new construction and to retrofit existing fences the basic components have been designed to be similar to standard fencing. Utilizing the AMICO network of Certified and Approved Dealer/Installers we 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.

Materials

The ANC Composite Fence System utilizes panels, posts, fittings and fasteners all made from materials proven to be electrically non-conductive.

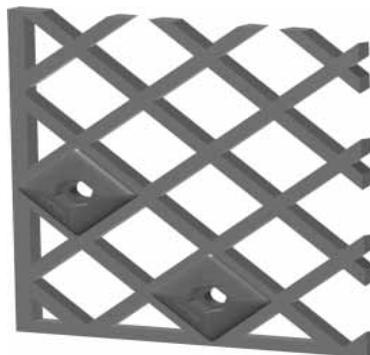
Panels

ANC Panels are manufactured in standard sizes; 3-ft x 12-ft long and 4-ft x 12-ft long.

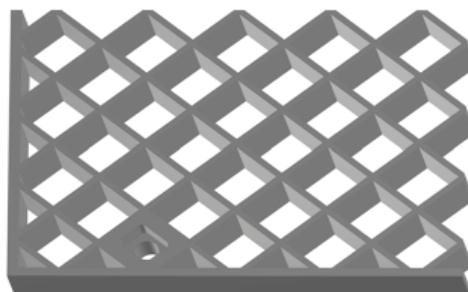
Standard Stock Panel Sizes		
Style	High	Wide
ANC 1.0-1.75	3'	12'
ANC 1.0-1.75	4'	12'
ANC .50-2.25	3'	12'
ANC .50-2.25	4'	12'

The 3ft. and 4-ft. panel dimension allows barrier heights from 3-ft. to over 20-ft. as required. The 12-ft. panel width allows ease of installation and added strength with each panel spanning three posts.

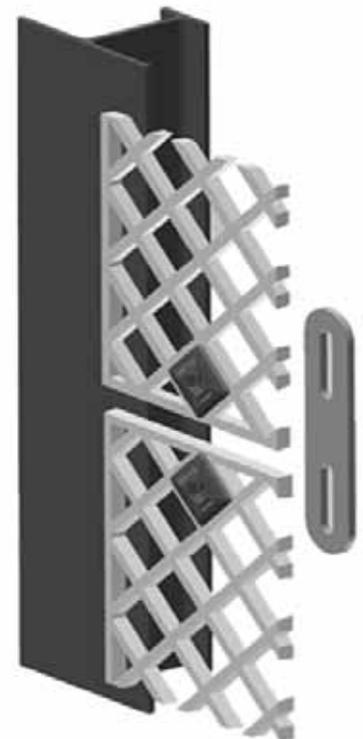
Panels are available with different size openings and thicknesses. These options allow for different levels of security.



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 and Back Straps



Non-Conductive Double Drive Gates with openings up to 20-feet

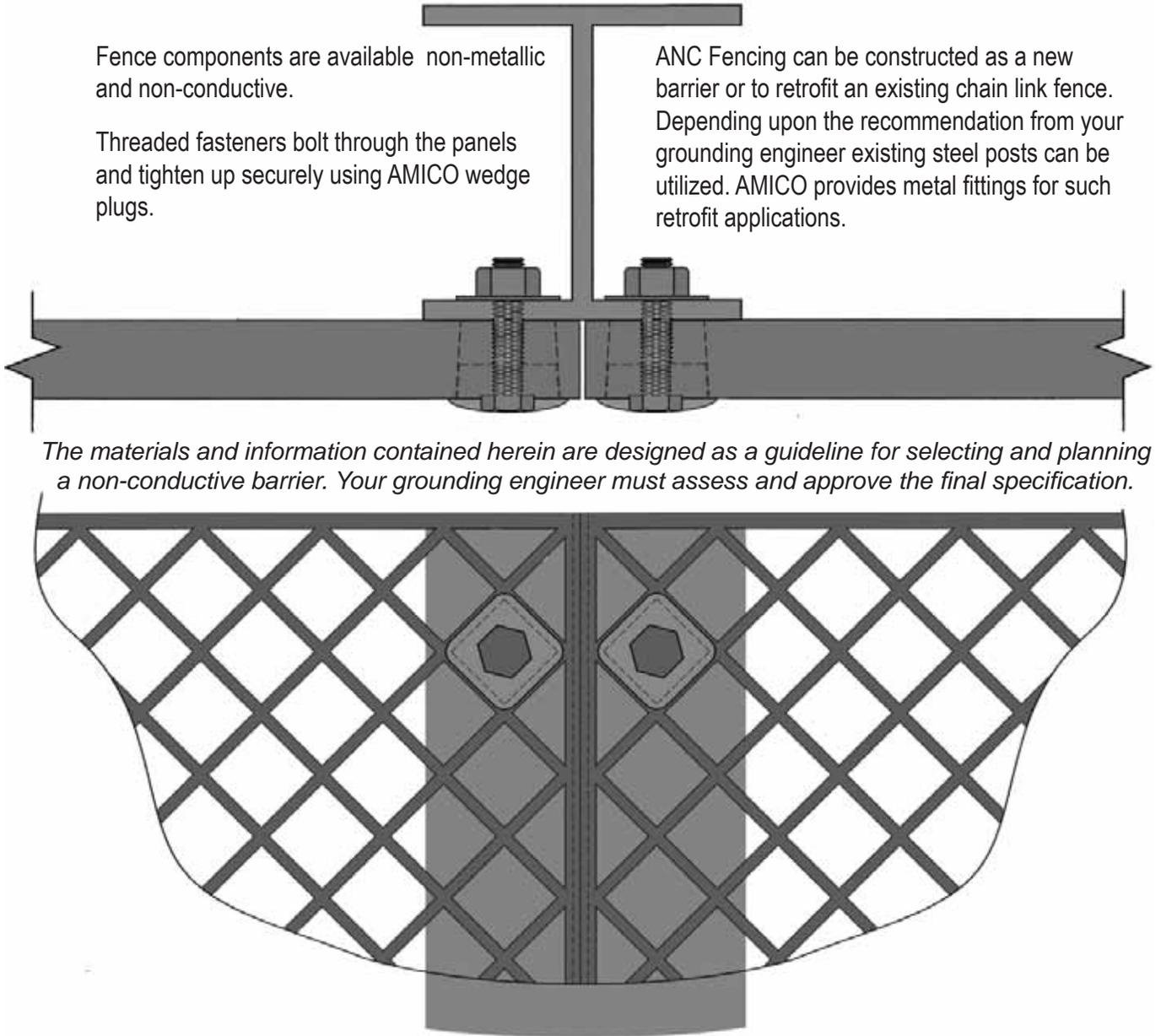
ANC[®] COMPOSITE FENCE SYSTEM

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

Fence components are available non-metallic and non-conductive.

Threaded fasteners bolt through the panels and tighten up securely using AMICO wedge plugs.

ANC Fencing can be constructed as a new barrier or to retrofit an existing chain link fence. Depending upon the recommendation from your grounding engineer existing steel posts can be utilized. AMICO provides metal fittings for such retrofit applications.



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.



Permits visibility and air flow



Provides Safety and Security



Height Not a Problem



For more information on our security products, visit www.amicoglobal.com or call 800.366.2642 ext. 6224

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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.



QUALITY PRODUCTS - AROUND THE GLOBE



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