Ameristar’s Project Solution Specialists are experienced in every facet of perimeter security design. Our goal is to assist the architectural community in finding the best perimeter & entry solutions for their projects. Ameristar’s extensive library of project photos, CAD drawings, architectural specifications & project budget quotes are just a few of the services our team offers to complete your project design.
The ProFusion welded picket to rail connection is the method used to construct Montage panels, which allows a minimum biasability of 25%, eliminating unsightly stair stepping of panels.

Picket to Rail ProFusion Welding
Each picket is welded precisely at each rail connection for ease of installation yet remaining flexible as an all terrain fence.

Panel Bracket
Universal Boulevard Bracket enables easy installation while allowing for adjustment of panel height and positioning.

Security Fasteners
Tee nut one-way action secures the rail and prohibits removal by typical tools.

Profusion welding techniques are both strong and hidden from view providing a good neighbor profile.

Montage fence panels are fabricated through a Welding Technique that combines laser and fusion technology to create a virtually Invisible Structural Connection at every picket to rail intersection. Montage welded steel construction is unmatched in strength and durability.

RAKEABLE vs STAIR-STEP
The ProFusion welded picket to rail connection is the method used to construct Montage panels, which allows a minimum biasability of 25%, eliminating unsightly stair stepping of panels.

Montage II shown

PANEL BRACKET
Universal Boulevard Bracket enables easy installation while allowing for adjustment of panel height and positioning.

SECURITY FASTENERS
Tee nut one-way action secures the rail and prohibits removal by typical tools.

Profusion Welding
Montage fence panels are fabricated through a Welding Technique that combines laser and fusion technology to create a virtually Invisible Structural Connection at every picket to rail intersection. Montage welded steel construction is unmatched in strength and durability.

RAKEABLE vs STAIR-STEP
The ProFusion welded picket to rail connection is the method used to construct Montage panels, which allows a minimum biasability of 25%, eliminating unsightly stair stepping of panels.
Major corrosion problems start from the inside. That’s why all products in the Montage® family are COATED INSIDE & OUT. Our GALVANIZED STEEL FRAMEWORK is subjected to a MULTI-STAGE PRE-TREATMENT/WASH (with zinc phosphate), followed by a DUPLEX CATHODIC ELECTROCOAT SYSTEM consisting of an EPOXY PRIMER, which significantly increases corrosion protection, and an ACRYLIC TOPCOAT, which provides the protection necessary to WITHSTAND ADVERSE WEATHERING EFFECTS.

Protection against corrosion starts with a proven process, which is why Ameristar emulated its PermaCoat method to develop a superior E-Coat process that protects the product with complete coverage INSIDE & OUT.

Immersion processes coat & cleanse the inside of the fence components as thoroughly as the outside. This prevents corrosion giving Montage products the ability to withstand the elements & be maintenance free.
Built for strength yet a penchant for beauty, Montage II is an industrial grade steel fence that delivers on both levels. Superior welding techniques create a profile that lends itself to landscaping design while maintaining a level of perimeter security that is unmatched.

Primary Applications:
- State Facilities
- Government Facilities
- Airports
- Water Treatment & Storage
- Public Housing Authorities
- Parks & Recreation
- Stadiums & Event Centers
- Universities
- Hospitals
- K-12 Schools

Montage II gate options vary from swing gates for pedestrian or vehicle access to sliding gates for high functioning points of entry. Each of these gate systems are individually constructed to provide project specific performance.

Montage II
1"sq x 14ga PICKETS | 1.75" x 1.75" x 12ga RAILS | 2.5"sq x 12ga & 3"sq x 12ga POSTS
Montage Commercial steel fences have redefined the commercial fence industry with strength that matches the level of security demanded. In the past commercial fencing was defined as a chain link fence with three strands of barbwire, today Montage Commercial ornamental fences are the standard for security fencing.

Commercial Developments
Municipal Facilities
Self Storage
Parking Facilities
Parks & Recreation
Universities
K-12 Schools

Montage Commercial gate options vary from swing gates for pedestrian or vehicle access to sliding gates for high functioning points of entry. Each of these gate systems are individually constructed to provide project specific performance.
Montage Plus ornamental steel fence has the versatility to fit many different project applications. With its ability to traverse varying grades, variety of distinct product styles and unmatched coating performance, Montage Plus is the preferred choice for ornamental fence.

Primary Applications
- Commercial Developments
- Self Storage
- Apartments (Multi-Family)
- Parks & Recreation
- Schools & Universities
- Childcare Facilities

Montage Plus gate options vary from swing gates for pedestrian or vehicle access to sliding gates for high functioning points of entry. Each of these gate systems are individually constructed to provide project specific performance.
AEGIS PRODUCTS
INTERNALLY SECURED ORNAMENTAL STEEL FENCE

- AEGIS II® | INDUSTRIAL ORNAMENTAL STEEL FENCE
- AEGIS PLUS® | COMMERCIAL ORNAMENTAL STEEL FENCE

FORERUNNER® LOCKING SYSTEM

Ameristar's Aegis fence systems are protected to endure the elements and are maintenance free.

Ameristar's Aegis fence systems are backed by over 30 years of excellence in the fencing industry.

Ameristar products are manufactured domestically in Tulsa, Oklahoma.

Manufactured from up to 96% recycled domestic steel, Aegis products earn project LEED points.

Download specifications, drawings & other assets @ ameristarfence.com
Learn more online at ameristarfence.com or by calling 800-321-8724
The majority of Ameristar products are protected by the unique PermaCoat process. Our PRE-GALVANIZED STEEL BASE MATERIAL is subjected to a 11-STAGE PROCESS to cleanse & prepare the steel for a DUAL TOP-COAT FINISH. PermaCoat’s corrosion resistant abilities far surpass those of painted surfaces and have a “no-mar” polyester powder top coat. This dual coating not only provides RESISTANCE FROM WEATHERING but also reduces scratch & burnishing marks typically encountered during shipping.

**PermaCoat™**

**EPOXY POWDER COAT**
Epoxy powder is electrostatically applied

**EPOXY GEL OVEN**
Powder is gelled & cured to finish coat

**POLYESTER POWDER**
TGIC powder is electro-statically applied

**FINISH CURING OVEN**
Seals finish for years of maintenance free use

**ZINC PHOSPHATE**
Corrosion resistant layer that assists in bonding powder coating

**CLEAR WATER RINSE**
A bit of clean H2O to prep for the next phase

**NON-CHROMATE SEAL**
Barrier to prevent moisture from reaching base metal

**CLEAR WATER RINSE**
Final wash in H2O to remove any excess debris or particles

**DRYING OVEN**
Eliminates all moisture prior to double coating

**ALKALINE WASH**
Cleans metal for proper adhesion of zinc phosphate

**FIXIDINE RINSE**
Rinses excess alkaline prior to zinc phosphate application

**ZINC PHOSPHATE**
Corrosion resistant layer that assists in bonding powder coating

**CLEAR WATER RINSE**
A bit of clean H2O to prep for the next phase

**NON-CHROMATE SEAL**
Barrier to prevent moisture from reaching base metal

**CLEAR WATER RINSE**
Final wash in H2O to remove any excess debris or particles

**DRIYING OVEN**
Eliminates all moisture prior to double coating

**Corrosion occurs more easily without the proper preparation & protection, which is why Ameristar has put our fence products to the test based on ASTM B117 standards. The results speak for themselves.**

**PERMACOAT PROCESS**
Zinc Phosphate + Epoxy Powder Coat + Polyester Powder Coat

**SINGLE COAT PROCESS**
Zinc Phosphate + Polyester Powder Coat

**SINGLE COAT PROCESS**
Iron Phosphate + Polyester Powder Coat

**PAINTED STEEL**
100 HOURS

**PRIMED & PAINTED STEEL**
168 HOURS

**SINGLE COAT PROCESS**
Zinc Phosphate + Polyester Powder Coat

**SINGLE COAT PROCESS**
Iron Phosphate + Polyester Powder Coat

**PERMACOAT PROCESS**
Zinc Phosphate + Epoxy Powder Coat + Polyester Powder Coat

**1,500 HOURS**

**3,500 HOURS**

**100 HOURS**

**168 HOURS**

**200 HOURS**

**1,500 HOURS**

**3,500 HOURS**
Aegis II

The strength of Aegis II is rivaled only by the elegance of its profile. Manufactured as an industrial grade fence system, it is designed for strength and durability. Balanced by the beauty of its design features, Aegis II matches the level of security demanded by any application.

Primary Applications
- Stadiums & Event Centers
- Universities
- Airports
- Water Treatment & Storage
- Public Housing Authorities
- State Facilities
- Municipal Facilities
- Parks & Recreation
- Hospitals
- K-12 Schools

INDUSTRIAL ORNAMENTAL STEEL FENCE

1"sq x 14ga PICKETS | 1.75"x 1.75" x 14ga ForeRunner™ RAILS | 2.5"sq x 12ga & 3"sq x 12ga POSTS

AVAILABLE HEIGHTS: 3’, 3½’, 4’, 5’, 6’, 7’, 8’, 9’ & 10’ (custom heights also available)

Style Options
- Classic
- Majestic
- Genesis
- Invincible

Color Options
- Black
- Bronze
- Sand
- White

Adornments
- Quad Flare
- Triad
- Royalty
- Ball Cap
- Ring (internally secured)

Aegis II gate options vary from swing gates for pedestrian or vehicle access to sliding gates for high functioning points of entry. Each of these gate systems are individually constructed to provide project specific performance.
Aegis Plus combines strength greater than most commercial steel fences with a surface finish that is essentially maintenance-free. The size of Aegis Plus works well for numerous applications where users are seeking greater strength and a more substantial look without the high cost of industrial fencing.

**PRIMARY APPLICATIONS**
- Municipal Facilities
- Self Storage
- Parks & Recreation
- Event Centers
- K-12 Schools
- Childcare Facilities

Aegis Plus gate options vary from swing gates for pedestrian or vehicle access to sliding gates for high functioning points of entry. Each of these gate systems are individually constructed to provide project specific performance.
**AEGIS PRODUCTS**

**STEEL RAIL STRENGTH COMPARISON**

**WIND LOADING CAPABILITIES**

<table>
<thead>
<tr>
<th>STRUCTURAL PARAMETERS</th>
<th>FORERUNNER® AEGIS II®</th>
<th>SQUARE RAIL INDUSTRIAL</th>
<th>FORERUNNER® AEGIS PLUS®</th>
<th>SQUARE RAIL COMMERCIAL</th>
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</thead>
<tbody>
<tr>
<td>Effective Wall Thickness (inches)</td>
<td>0.160</td>
<td>0.083</td>
<td>0.160</td>
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<tr>
<td>Section Modulus (inches):</td>
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<td>Vertical Load Data:</td>
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<td>523</td>
<td>652</td>
<td>320</td>
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<tr>
<td>Horizontal Load Data:</td>
<td>1,820</td>
<td>859</td>
<td>630</td>
<td>409</td>
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<tr>
<td>Vertical Load Data*:</td>
<td>446</td>
<td>345</td>
<td>430</td>
<td>211</td>
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<tr>
<td>Horizontal Load Data*:</td>
<td>673</td>
<td>567</td>
<td>422</td>
<td>270</td>
</tr>
</tbody>
</table>

*Recommended load values for safe structural design: Allowable strength = 0.66°F

<table>
<thead>
<tr>
<th>POST SIZE</th>
<th>WIND LOAD CAPACITY FACTOR (PSF)</th>
<th>TYPICAL WIND LOAD CAPACITY (MPH)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>AEGIS II®</td>
<td>AEGIS PLUS®</td>
</tr>
<tr>
<td>6' 2½&quot; x 12 ga.</td>
<td>49.6</td>
<td>38.2</td>
</tr>
<tr>
<td>6' 2½&quot; x 12 ga.</td>
<td>54.8</td>
<td>46.9</td>
</tr>
<tr>
<td>7' x 12 ga.</td>
<td>34.2</td>
<td>28.7</td>
</tr>
<tr>
<td>8' x 12 ga.</td>
<td>25.3</td>
<td>21.3</td>
</tr>
</tbody>
</table>

*MPH values shown are provided for information only. They are calculated using ANSI/ASCE 7-05, "American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures" Exposure Category C (open terrain with scattered obstructions having lengths generally less than 30 feet), based on post setting in 36" deep concrete footer in soil assumed to be of mid-range strength and compaction. Since specified project conditions such as jurisdictional building codes, elevation of installation, post base/footer design, soil strength, etc., may change from project to project, a structural engineering evaluation, unique to applicable requirements and conditions, should be performed. Consult your Ameristar Service Representative for an estimate on Engineering Analysis and P.E. Certification.

Download specifications, drawings & other assets @ ameristarfence.com

Learn more online at ameristarfence.com or by calling 800-321-8724
Ameristar’s Echelon fence systems are protected to endure the elements and are maintenance free.

Ameristar’s Echelon fence systems are backed by over 30 years of excellence in the fencing industry.

Ameristar products are manufactured domestically in Tulsa, Oklahoma.

Echelon II Classic shown.

FORERUNNER® LOCKING SYSTEM

INCREASED SECURITY
The ForeRunner Rail with internal retaining rod prevents the attachment from being compromised. Fasteners are not exposed.

AESTHETIC DETAILS
“Good Neighbor Design” rod follows ForeRunner centerline providing a clean and uninterrupted look void of visible screws or rivets.

RAKEABLE VS STAIR-STEP
Having a unique picket to rail connection allows Echelon products a minimum biasability of 25%, eliminating unsightly stair stepping of panels.

Download specifications, drawings & other assets @ ameristarfence.com

Learn more online at ameristarfence.com or by calling 800-321-8724
Echelon II’s superior **strength and durability** is a result of combining top quality design components with a **maintenance-free, architectural grade finish**. This revolutionary fence system is comprised of aluminum posts, panels, and mounting brackets that are **easily installed along any terrain**.

**PRIMARY APPLICATIONS**
- Water Treatment & Storage
- Public Housing Authorities
- State Facilities
- Stadiums & Event Centers
- Schools & Universities
- Municipal Facilities
- Airports
- Parks & Recreation
- Hospitals

**PRIMARY APPLICATIONS**

**STYLE OPTIONS**
- Classic
- Majestic
- Genesis
- Invincible

**ADORNMENTS**
- Quad Flare
- Triad
- Royalty
- Ball Cap
- Ring (internally secured)

**COLOR OPTIONS**
- Black
- Bronze
- Sand
- White

**AVAILABLE HEIGHTS:** 4’, 5’, 6’, 7’, 8’, 9’ & 10’ (custom heights also available)

**Echelon II** gate options vary from **swing gates** for pedestrian or vehicle access to **sliding gates** for high functioning points of entry. Each of these gate systems are **individually constructed** to provide project specific performance.
STRUCTURAL PARAMETERS

<table>
<thead>
<tr>
<th>FORERUNNER®</th>
<th>ECHELON®</th>
<th>U-CHANNEL</th>
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</thead>
<tbody>
<tr>
<td>Architectural Profile</td>
<td>Rail shape.</td>
<td>Vertical Design Loads are per rail.</td>
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<tr>
<td>Effective Wall Thickness (inches)</td>
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<td>.100 / .070</td>
</tr>
<tr>
<td>Section Modulus (inches vertical)</td>
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<td>.135</td>
</tr>
<tr>
<td>Section Modulus (inches horizontal)</td>
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<td>.260</td>
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<table>
<thead>
<tr>
<th>Vertical Load Data</th>
<th>(inches vertical)</th>
<th>(inches horizontal)</th>
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</thead>
<tbody>
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<td>PVf</td>
<td>243/2</td>
<td>262</td>
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<tr>
<td>PHf</td>
<td>182/2</td>
<td>182</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Horizontal Load Data</th>
<th>(inches vertical)</th>
<th>(inches horizontal)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>505/1</td>
<td>499</td>
</tr>
<tr>
<td>PHd</td>
<td>379/1</td>
<td>373</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vertical Load Data*</th>
<th>(inches vertical)</th>
<th>(inches horizontal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVf</td>
<td>145/2</td>
<td>145</td>
</tr>
<tr>
<td>PHf</td>
<td>109/2</td>
<td>109</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Horizontal Load Data*</th>
<th>(inches vertical)</th>
<th>(inches horizontal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVd</td>
<td>303/1</td>
<td>299</td>
</tr>
<tr>
<td>PHd</td>
<td>227/1</td>
<td>224</td>
</tr>
</tbody>
</table>

* Recommended inclusion for safe structural design/adequate strength of 60°F

Download specifications, drawings & other assets @ ameristarfence.com
Echelon Plus has taken the quality and performance of aluminum ornamental fencing to a higher level. The strength characteristics of the reinforced rail and posts, coupled with a superior powder coat finish make Echelon Plus the most durable .75” ornamental picket product on the market.

Echelon Plus gate options vary from swing gates for pedestrian or vehicle access to sliding gates for high functioning points of entry. Each of these gate systems are individually constructed to provide project specific performance.
IMPASSE II
HIGH SECURITY STEEL PALISADE FENCE

FABRICATION & DESIGN
Impasse II panels and posts are manufactured using high-tensile pre-galvanized G-90 steel. Each component has been roll-formed into a unique profile that yields significant strength properties. Impasse II's distinct design enables the fence to traverse aggressive changes in grade in order to maintain security along any perimeter. Each connection point of the Impasse II system is secured with tamper-proof fasteners providing the highest level of security and versatility.

DESIGN INTEGRATION
The Impasse II framework is a raceway for wiring, conduits, and/or security cabling required around the perimeter of a project. This integrated design eliminates the need for costly trenching and boring becoming a value added solution for perimeter security upgrades.

When installing these security elements use Impasse II as a platform:
- Communication & Video Cables
- Intrusion Detection / Fiber Optic Cables
- Access Control Wiring
- Conduits
- Anti-Ram Cabling (Stalwart)

SAFETY ACT CERTIFIED
Developed by the US Department of Homeland Security, the SAFETY Act established a system of risk and litigation management for claims arising out of, relating to, or resulting from an act of terrorism.

Ameristar products are manufactured domestically in Tulsa, Oklahoma.

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Learn more online at ameristarfence.com or by calling 800-321-8724
Maintaining a secure perimeter is your first line of defense against potential threats. Impasse II fence systems serve as a visual deterrent backed with heavy steel components that give a higher level of protection compared to the traditional chain link or architectural mesh fence alternatives.

**PRIMARY APPLICATIONS**
- Military Sites
- Government Facilities
- Petroleum & Chemical Facilities
- Power Plants & Substations
- Airports
- Data Centers
- Ports of Entry
- Water Treatment & Storage

**HIGH SECURITY STEEL PALISADE FENCE**
2.75"w x 14ga PALES | 2"x 2"x 11ga RAILS | 3"x 2.75"x 12ga & 4"x 2.75"x 11ga I-BEAM POSTS

AVAILABLE HEIGHTS: 6', 7', 8', 9' & 10'

**STYLE OPTIONS**
- TRIDENT
- STRONGHOLD
- GAUNTLET

**COLOR OPTIONS**
- BLACK
- BRONZE
- SAND
- WHITE

**ANTI-SCALE OPTION**
The Impasse II Anti-Scale fence system has decreased pale spacing, which helps deter the assailant from climbing, and increases the delay time when trying to cut or pry through the fence.

Impasse II gate options vary from swing gates for pedestrian or vehicle access to sliding gates for high functioning points of entry. Each of these gate systems are individually constructed to provide project specific performance.
ANTI-RAM VEHICLE BARRIERS

STALWART PRODUCTS

STALWART® | POST & RAIL ANTI-RAM CRASH BARRIER
STALWART IS® | ANTI-RAM BARRIER + SECURITY FENCE
STALWART II® | ANTI-RAM BARRIER + ORNAMENTAL FENCE
STALWART PLUS® | ANTI-RAM BARRIER + ARCHITECTURAL MESH

DESIGN INTEGRATION

The Stalwart framework is a raceway for wiring, conduits, and/or security cabling required around the perimeter of a project. This integrated design eliminates the need for costly trenching and boring becoming a value added solution for perimeter security upgrades.

When installing these security elements use Stalwart Products as a platform:
- Communication & Video Cables
- Intrusion Detection / Fiber Optic Cables
- Access Control Wiring
- Conduits
- Anti-Ram Cabling (Stalwart)

CRASH RATINGS

Stalwart offers multiple anti-ram ratings engineered and tested to meet ASTM F2656 standards. Each installation can be designed with the most appropriate stand-off distance from the assets.

ASTM F2656 TESTED
M50 M40 M30

ENGERNEED
M30 PU60 PU50

K12 K8

SAFETY ACT CERTIFIED

Developed by the US Department of Homeland Security, the SAFETY Act established a system of risk and litigation management for claims arising out of, relating to, or resulting from an act of terrorism.

Ameristar products are manufactured domestically in Tulsa, Oklahoma

Download specifications, drawings & other assets @ ameristarfence.com
Learn more online at ameristarfence.com or by calling 800-321-8724
The Stalwart post and rail anti-ram barrier is the most economical passive perimeter barrier on the market. The Stalwart standalone design when installed adjacent to an existing perimeter fence, transforms the perimeter into a secure anti-crash perimeter system.

Stalwart IS unites the strongest security fence available with the most widely used anti-ram perimeter barrier. The appearance of Stalwart IS is a great visual deterrent that delivers strength and fortitude for keeping any assailant from easily breaching the perimeter.

Stalwart Plus combines the design components of an anti-ram barrier with the industrial appearance of architectural mesh. Diverse mesh options for a varied level of security to delay with anti-cut and anti-climb properties.

Stalwart II integrates the design features of a traditional ornamental iron fence with the resilience of the Stalwart anti-ram barrier. The ornamental picket design blends into its surroundings, not drawing attention to itself, but still maintaining the requirements of an anti-ram barrier.
WireWorks Plus - Commercial Welded Wire Steel Fence

6ga WIRE PANELS | 3” V-FOLDS | 2”sq x 16ga & 2.5”sq x 16ga POSTS

The WireWorks Plus fence system is the new standard in welded wire fencing. With this product, Ameristar has a fence solution that will reduce dependency on chain link. WireWorks Plus provides unobstructed visibility, aesthetics, and security while delivering a value added fencing solution.

Primary Applications:
- Commercial Developments
- Parking Facilities
- Self Storage
- Parks & Recreation
- Schools & Universities
- Apartments (Multi-Family)
- Amusement Parks
- Healthcare Facilities

Product Features:
- 6ga WIRE PANELS
- 3” V-FOLDS
- 2”sq x 16ga & 2.5”sq x 16ga POSTS

WireWorks Anti-Climb - High Security Welded Wire Mesh Fence

3” x .5” x 10.5”ga WIRE PANELS | 2” x 2” x 11ga RAILS | 3” x 2.75” x 12ga I-BEAM POSTS

WireWorks Anti-Climb is a unique perimeter security system that maintains a guarded display of visual screening balancing the need to delay and deter an attack. WireWorks Anti-Climb combines a mesh that discourages cutting and climbing with framework that can support a total security platform.

Primary Applications:
- Petroleum & Chemical Facilities
- Power Plants & Substations
- Manufacturing Plants
- Military Sites
- Government Facilities
- Airports
- Railway

Product Features:
- 3” x .5” x 10.5”ga WIRE PANELS
- 2” x 2” x 11ga RAILS
- 3” x 2.75” x 12ga I-BEAM POSTS

PERMACOAT® Protective Finish
- Our polyester powder coated steel guarantees a maintenance-free and environmentally friendly fence

10 Year Limited Warranty
- PermaCoated fence framework is backed by over 30 years of excellence in the fencing industry
TRANSPORT® CANTILEVER GATES
COMPONENT ALUMINUM ENCLODED DUAL TRACK DESIGN

TRANSPORT II®
1" Ornamental Picket Design | * Invisible shown
Matches: Montage II | Echelon II | Aegis II

TRANSPORT IS®
2.75" Ornamental Pale Design | * Shown shown
Matches: Impasse II

TRANSPORT ESTATE®
.75" Ornamental Riched Picket Design | * Majestic shown
Matches: Aluminum Estate Entry Gates

TRANSPORT LINK®
Clean Link Design
Matches: Clean Link Fence

PASSPORT® ROLL GATES
WELDED STEEL CONSTRUCTION V-TRACK DESIGN

PASSPORT COMMERCIAL
.75" Ornamental Picket Design | * Montage Commercial Invisible shown
Matches: Montage Plus | Montage Commercial

PASSPORT II®
1" Ornamental Picket Design | * Classic shown
Matches: Montage II

PASSPORT IS®
2.75" Ornamental Pale Design | * Gauntlet shown
Matches: Impasse II

ESTATE® ENTRY GATES
ALUMINUM & STEEL OPTIONS

> SINGLE & DOUBLE SWING OPTIONS
> 3-RAIL, 4-RAIL & 5-RAIL OPTIONS AVAILABLE*
> 1" & .75" PICKET OPTIONS AVAILABLE*

* Steel Estate Entry Gates match Montage II | Aluminum Estate Entry Gates are only available in 5-rail design | Refer to Ameristar Product Catalog for Aluminum & Steel Estate Entry Gate details | Adjacent artwork shown represents Aluminum Estate Entry Gate styles

Learn more online at ameristarfence.com or by calling 800-321-8724

Download specifications, drawings & other assets @ ameristarfence.com
**PRODUCT APPLICATIONS**

**INDUSTRIAL BENDING STRENGTHS**

<table>
<thead>
<tr>
<th>PRODUCT TYPE</th>
<th>INDUSTRIAL PIPE</th>
<th>PC-40 &amp; GBR-40</th>
<th>COMMERCIAL PIPE</th>
<th>PC-20 &amp; GBR-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal Post up to 6'</td>
<td>2.375&quot; O.D. x 0.20&quot; wall / 23 lbs. per ft.</td>
<td>2.375&quot; O.D. x 0.25&quot; wall / 23.1 lbs. per ft.</td>
<td>2.375&quot; O.D. x 0.25&quot; wall / 23.1 lbs. per ft.</td>
<td>n/a</td>
</tr>
<tr>
<td>Terminal Posts 6’1” to 10’</td>
<td>2.625” O.D. x 0.26&quot; wall / 40 lbs. per ft.</td>
<td>2.625” O.D. x 0.31&quot; wall / 24 lbs. per ft.</td>
<td>2.625” O.D. x 0.31&quot; wall / 24 lbs. per ft.</td>
<td>n/a</td>
</tr>
<tr>
<td>Terminal Posts over 10’</td>
<td>4&quot; O.D. x 0.36&quot; wall / 6.6 lbs. per ft.</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Line Posts up to 6’</td>
<td>1.875” O.D. x 0.20&quot; wall / 22 lbs. per ft.</td>
<td>1.875” O.D. x 0.25&quot; wall / 22.1 lbs. per ft.</td>
<td>1.875” O.D. x 0.25&quot; wall / 22.1 lbs. per ft.</td>
<td>n/a</td>
</tr>
<tr>
<td>Line Posts 6’1” to 10’</td>
<td>2.375” O.D. x 0.20&quot; wall / 32 lbs. per ft.</td>
<td>2.375” O.D. x 0.25&quot; wall / 32.1 lbs. per ft.</td>
<td>2.375” O.D. x 0.25&quot; wall / 32.1 lbs. per ft.</td>
<td>n/a</td>
</tr>
<tr>
<td>Line Posts over 10’</td>
<td>2.625” O.D. x 0.26&quot; wall / 50 lbs. per ft.</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Rails &amp; Bracing</td>
<td>1.660&quot; O.D. x 0.29&quot; wall / 1.8 lbs. per ft.</td>
<td>1.660&quot; O.D. x 0.29&quot; wall / 1.8 lbs. per ft.</td>
<td>1.660&quot; O.D. x 0.29&quot; wall / 1.8 lbs. per ft.</td>
<td>n/a</td>
</tr>
</tbody>
</table>


**INDUSTRIAL STRENGTH PIPE**

**DIMENSIONS & CHARACTERISTICS | PC-40 & GBR-40**

<table>
<thead>
<tr>
<th>NOMINAL SIZES</th>
<th>ACTUAL SIZES</th>
<th>WALL THICKNESS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.625&quot; O.D.</td>
<td>1.600&quot;</td>
<td>.111&quot;</td>
<td>1.64 lbs./ft.</td>
</tr>
<tr>
<td>2&quot; O.D.</td>
<td>1.900&quot;</td>
<td>.090&quot;</td>
<td>2.28 lbs./ft.</td>
</tr>
<tr>
<td>2.5&quot; O.D.</td>
<td>2.400&quot;</td>
<td>.095&quot;</td>
<td>2.96 lbs./ft.</td>
</tr>
<tr>
<td>3&quot; O.D.</td>
<td>2.675&quot;</td>
<td>.110&quot;</td>
<td>4.06 lbs./ft.</td>
</tr>
<tr>
<td>4&quot; O.D.</td>
<td>3.150&quot;</td>
<td>.160&quot;</td>
<td>6.50 lbs./ft.</td>
</tr>
</tbody>
</table>

**COMMERCIAL STRENGTH PIPE**

**DIMENSIONS & CHARACTERISTICS | PC-20 & GBR-20**

<table>
<thead>
<tr>
<th>NOMINAL SIZES</th>
<th>ACTUAL SIZES</th>
<th>WALL THICKNESS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.625&quot; O.D.</td>
<td>1.600&quot;</td>
<td>.100&quot;</td>
<td>1.43 lbs./ft.</td>
</tr>
<tr>
<td>2&quot; O.D.</td>
<td>1.900&quot;</td>
<td>.090&quot;</td>
<td>1.90 lbs./ft.</td>
</tr>
<tr>
<td>2.5&quot; O.D.</td>
<td>2.400&quot;</td>
<td>.110&quot;</td>
<td>2.96 lbs./ft.</td>
</tr>
<tr>
<td>3&quot; O.D.</td>
<td>2.675&quot;</td>
<td>.111&quot;</td>
<td>4.06 lbs./ft.</td>
</tr>
<tr>
<td>4&quot; O.D.</td>
<td>3.150&quot;</td>
<td>.160&quot;</td>
<td>6.50 lbs./ft.</td>
</tr>
</tbody>
</table>

Note: 4" O.D. not available in GalvOnAll (GBR)

**INDUSTRIAL BENDING STRENGTHS**

- **1625° TOP RAIL**
  - 10’ Free Support
  - 6’ Cantilever test
  - 6’ Cantilever test

- **2° LINE POST**
  - 6’ Cantilever test
  - 6’ Cantilever test

- **2.5° LINE POST**
  - 6’ Cantilever test
  - 6’ Cantilever test

**Schedule 40**

**‘C’ Posis | ‘C’Top Rail**

**PC-40 | GBR-40**

**Ameristar products are manufactured domestically in Tulsa, Oklahoma**

**Manufactured from up to 96% recycled domestic steel, Ameristar products earn project LEED points**

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- **BARRIERS** | Wedges | Beam
- **BOLLARDS** | Fixed | Removable | Retractable (automated or manual)

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**UL 752 Ballistic Resistant**

**NIJ 0108.01 Ballistic Resistant Materials**

**M50 | K12 | K4 | M30 | PAS 68**

Ameristar offers a variety of active and passive vehicle barriers, each with its own anti-ram rating. Our bollards, wedges & crash beams have been tested and/or engineered to a standard that best equips the product to its design parameters in order to maintain a required level of standoff distance from the asset.

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Learn more by visiting ameristarsecurity.com or by calling 866-467-2773
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▶ KNOWLEDGE & EXPERIENCE

Ameristar was chartered 30 years ago in response to the demand by consumers & specifiers for specialty fence products. Ameristar offers an aesthetically pleasing product that is both high in quality & affordability. This has been achieved by maximizing high-volume productivity, increasing product design strength, and promoting simplistic installation.

▶ PROVEN CAPABILITY

Ameristar’s integrated in-house process & extensive raw material inventory results in much improved productivity and availability compared to the competition. By having a vast finished goods inventory, Ameristar is capable of delivering finished products faster than competitors who sublet the majority of their operations.

▶ INDUSTRY LEADERSHIP

Over the years Ameristar has continually raised the bar across the board in the manufacturing of high quality, innovative fencing products. Our demonstrated commitment to upholding higher values translates into superior products that go far beyond merely meeting minimum industry standards.