



# Aluminum Coated Steel Chain Link Fence Fabric

## ASTM A 491, Federal Specification RR-F-191 Type II, AASHTO M-181 Type II

### PRODUCT NAME

Aluminum Coated Steel Chain Link Fence Fabric

### MANUFACTURER

**Stephens Pipe and Steel, LLC**  
**Manufacturing Locations:**

Stephens Pipe and Steel, LLC  
1413 Steve Warriner Drive  
Russell Springs, Kentucky 42642

Stephens Pipe and Steel, LLC  
4301 46<sup>th</sup> Street  
Bladensburg, Maryland 20710

Stephens Pipe and Steel  
2891 State Hwy 160  
Warrior, Alabama 35180

### PRODUCT DESCRIPTION

#### **Basic Use:**

Aluminum coated (aluminized) steel chain link fence fabric for industrial, commercial and institutional application. Fused and adhered fabric is the highest quality available and is used in numerous federal, state, civil, and military specifications.

**Composition and Materials:** Aluminized steel chain link fence fabric is produced by cold-drawing good commercial grade steel rod into wire of the appropriate diameter. The steel rod from which the wire is drawn shall be produced by the open hearth, electric furnace or basic oxygen process.

The coating is produced by passing the cleaned wire through a molten bath of aluminum metal. Aluminum metal pigs or ingots used to produce the coating shall have no more than the following maximum levels of impurities:

Copper - 0.10% maximum  
Cu Iron - 0.50% maximum  
Fe

### **Standards:**

ASTM A 491 *Aluminum-Coated Steel Chain Link Fence Fabric*

ASTM F567 *Installation of Chain Link Fence*

ASTM A 817 *Metallic-Coated Wire for Use in Chain Link Fence* Federal specification RR-F-191 K/1 D Type II, *Fencing, Wire and Post Metal (Chain-Link Fence Fabric)* American Association of State Highway Transportation Officials M-181 *Chain Link Fence, Type II*

### TECHNICAL DATA

#### **General:**

The manufacturer, if requested, will supply samples and certification that all materials furnished fully comply with the appropriate specifications.

#### **Chain Link Fence Fabric:**

The base metal of the chain link fence fabric is composed of commercial quality medium-carbon aluminum coated wire. The wire is coated with aluminum to produce a smooth and uniform coating. The wire is aluminum coated before weaving.

#### **Sizes:**

Aluminized fabric is available in mesh sizes from 3/8 inch to 2 inches (10 mm to 50 mm), and in heights from 36 inches to 240 inches (910 mm to 6,100 mm).

Unless otherwise specified, chain link fence fabric woven with a 2 inch (50 mm) mesh and 60 inches (1,520 mm) or less in height is knuckled at both selvages-, for fabrics 72 inches (1,830 mm) or greater in height the selvages are knuckled at one edge and twisted at the other. All fabrics which are woven into mesh sizes under 2 inches are knuckled at both selvages.

### INSTALLATION

Install fence in accordance with ASTM Practice 567.

### AVAILABILITY AND COST

#### **Availability:**

Aluminum coated steel chain link fence fabric is available for shipment throughout the United States and worldwide.

#### **Cost:**

Material costs may vary depending on specific requirements. Call your sales representative for assistance

### WARRANTY

Aluminum coated steel chain link fence fabric is warranted for 25 years against failure due to rust or corrosion. *Note: ASTM specification A491, Federal specification RR-F-191 and other major specifications state that discoloration or rust on the cut ends of aluminum coated fabric at the selvages are not cause for rejection.*

### MAINTENANCE

Periodic inspection is recommended but no routine maintenance is required.

### TECHNICAL SERVICES

Technical services are available. Call your sales representative for assistance



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