



Poly(Vinyl Chloride) (PVC)- Coated Steel Chain Link Fence Fabric

Class 1 - Extruded

ASTM F668, Federal Specification RR-F-191 Type IV, AASHTO M-181 Type IV

PRODUCT NAME

SPSV Extruded Poly (Vinyl Chloride)-
PVC 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 46th Street
Bladensburg, Maryland 20710

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

PRODUCT DESCRIPTION

Basic Use:

Extruded fabric is a vinyl coated, high strength galvanized steel, chain link fence fabric for industrial, commercial and institutional application. Extruded fabric is made to a high quality standard and can be used for any in federal, state, civil, and military application.

Composition and Materials:

The galvanized steel core wire for producing fused and adhered PVC coated 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 is produced by the open hearth, electric furnace or basic oxygen process. The galvanized coating is produced by passing the cleaned wire through a bath of molten zinc which conforms to ASTM B6.

The extruded PVC coating is produced by extruding PVC polymer over the galvanized core wire. A coating of PVC up to 0.025 in. (0.38 mm) is achieved in the extruding

Standards:

ASTMB 6 Slab Zinc
AST M F567 Installation of Chain Link Fence
ASTM F668 Poly(Vinyl Chloride) (PVC) and
Other Organic Polymer-Coated Steel Chain
Link Fence Fabric, C lass 1
Federal Specification RR-F-191 K/1 D
Fencing, Wire and Post Metal
(Chain-L ink Fence Fabric), Type IV

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 galvanized (zinc coated) steel wire. The vinyl coating is extruded to galvanized steel wire. This process ensures a coating free of voids, as well as a smooth surface appearance. Vinyl coating thickness, galvanized coating weight, and wire tensile strength conform to Federal Specification RR-F-191, ASTM F668, Class 1. The wire is PVC coated before weaving and is free and flexible at all joints. Unless otherwise specified, fabric woven in 2 in. (50 mm) mesh, under 72" (1,830 mm) in height, is knuckled at both selvages; fabric 72" (1,830mm) high and over is knuckled at one selvege and twisted at the other. All fabrics woven into meshes under 2 in. (50 mm) have both selvages knuckled.

Wire Diameter

Core wire sizes shall be one of the following diameters.

.192, .148, .120, .105, or .080

Wire Coating:

Only plasticized poly(vinyl chloride) (PVC) with a low temperature (-20 °C; -4°F) plasticizer and no extenders or extraneous matter other than the necessary stabilizers and pigments, is used. The PVC coating resists attack from

prolonged exposure to dilute solutions of most common mineral acids, seawater, and dilute solutions of most salts and alkali

ASTM Color System:

Standard colors conform to ASTM F934 and include:

Ensor

Green	Bro wn	B lack
28.61	27.76	22.30
-12.59	3.37	-0.09
1.95	4.28	-0.85

Other colors are available by special order.

Coating Adhesion: The PVC coated wire shall pass the test for adhesion contained in ASTM F668 for Class 1 chain link fabric.

INSTALLATION

Install fence in accordance with AS TM Practice 567. Handle all PVC coated material with care. If PVC coating is damaged during installation, contractor must replace o r repair the material at own expense.

AVAILABILITY AND COST

Availability: PVC-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. Costs may be obtained through all Stephens Pipe Service Centers.

WARRANTY

Extruded PVC coated steel chain link fence fabric is warranted for 15 years against failure due to rust or corrosion.

MAINTENANCE

Periodic inspection is recommended but no routine maintenance is required.

TECHNICAL SERVICES

Technical services are available. Call