

CHAIN LINK FABRIC SPECIFICATION DATA

1. Product Name

Southwestern Wire Metallic Chain Link Fence Fabric

2. Manufacturer

Southwestern Wire, Inc.
3505 N. Interstate Dr.
Norman, OK 73070
1-800-348-9473 405-447-6900
FAX: (405)-447-2830
Email: info@southwesternwire.com
URL: <http://www.southwesternwire.com>

3. Product Description

Chain link fabric is manufactured using galvanized (zinc coated) or aluminized (aluminum coated) steel wire woven into chain link fabric with a variety of opening sizes depending on the specifications or customer requirements. Fabric is used as a barrier for safety and/or security reasons.

BASIC USE

Southwestern Wire chain link fence is used for residential, commercial, and industrial purposes. Chain link products provide a safe, secure perimeter around buildings, yards, and fields without diluting nature's beauty.



Southwestern Wire coats the steel wire before weaving into chain link fabric to produce a smooth, uniform coating and avoid the inconsistencies and roughness that occurs in other coating processes.

The smooth pre-coating helps prevent injuries from sharp edges, or burrs common in fabric coated after weaving (GAW).

PRODUCTION

Material is tracked from rod to wire to assure specification adherence and quality control. We begin by drawing the wire from steel rod, controlling the gauge to insure the customer's specifications are met. Once drawn the wire travels through a cleaning system



removing any impurities from the wire allowing a more secure bond between wire and coating. This provides a longer lasting product that continually resists peeling and corrosion while maintaining a new appearance year after year.

For Zinc coated fabric Southwestern Wire uses a process called Galvanizing Before Weaving or GBW. Coating the wire before weaving creates a smooth, uniform exterior that protects the steel from rust and corrosion. This even layer of zinc or aluminum provides the necessary defense against the harsh elements of nature over a longer period of time.

Our in house processes allows us to determine the material properties of the wire. By controlling annealing, we maintain a higher tensile strength in the wire, which gives our chain link fabric greater resilience and strength. Our computer-aided machines provide efficient, quality production and on time deliveries.



Recommended Usage	Height of Fabric in Inches	Size of Mesh	Gage, Coated Wire	Nominal Diameter Coated Wire
Heavy Industrial	36" 42" 48" 60" 72" 84" 96" 120" 144" 156" 168" 180" 192" 204" 216" 228" 240"	2" (50mm) 1" (25mm)	6	0.192" (4.88mm)
Standard Industrial Heavy Industrial	36" 42" 48" 60" 72" 84" 96" 120" 144" 156" 168" 180" 192" 204" 216" 228" 240"	1" (25mm)	9	0.148" (3.76mm)
Standard Industrial Residential	36" 42" 48" 60" 72" 84" 96" 120" 144" 156" 168" 180" 192" 204" 216" 228" 240"	2" (50mm)	9	0.148" (3.76mm)
Light Industrial Residential	36" 42" 48" 60" 72" 84" 36" 42" 48" 60" 72" 84" 96" 120" 144" 156" 168" 180" 192" 204" 216" 228" 240"	2" (50mm) 1" (25mm)	11	0.120" (3.05mm)
Light Residential	36" 42" 48" 60" 72"	2 1/8" (54mm)	11 1/5	0.113" (2.87mm)
Tennis Court	36" 42" 48" 60" 72" 84" 96" 120" 144" 156" 168" 180" 192" 204" 216" 228" 240"	1 3/4" (44mm)	11	0.120" (3.05mm)
Security	36" 42" 48" 60" 72" 84" 96" 120" 144" 156" 168" 180" 192" 204" 216" 228" 240"	3/8", 1/2", 5/8" (10mm), (13mm), (16mm)	11	0.120" (3.05mm)

* Other gauges & diamond sizes available upon request

SIZES & TYPES

Galvanized (Zinc)

Class 3 Wire

Class 4 Wire

Type II Class 1 Fabric

(Zinc Coating 1.20 oz/sq. ft.)

Class 5 Wire

Type II Class 2 Fabric

(Zinc Coating 2.0 oz/sq. ft.)

Aluminized

Type I (Aluminum Coating)

(.40 oz/sq. ft.)

4. Technical Data

APPLICABLE STANDARDS

* ASTM A 491

Standard Specification for
Aluminum-Coated Steel Chain Link
Fence Fabric

* ASTM A 817

Standard Specification for Metallic-
Coated Wire for Steel Chain Link
Fence Fabric

* ASTM A 392

Standard Specification for Zinc-
Coated Chain Link Fence Fabric

* AASHTO M 181-186

Standard Specification for Chain link Fence

Southwestern Wire, Inc. 1-800-348-9473

* Federal Specification Sheet RR-F-191/1D
Specification for Fencing, Wire, and
Post Metal for Chain Link Fence
Fabric

5. Installation

PREPATORY WORK

Prior to purchasing chain link system gather all measurements necessary for installing. Prepare a diagram of the yard and how the fence will be arranged to insure parts are included.

METHODS

Southwestern Wire recommends consulting a professional installer for proper method of installation. All chain link systems comply with drawings and design specifications received from customer. Complete installation recommendations available upon request.

BUILDING CODES

Information on building codes and requirements can be obtained from city or state officials. It is recommended that the local or state codes are understood and followed before installing system. For assistance with code compliance call our architectural specialist at 1-800-348-9473.

SDSCL-11/04

6. Availability & Cost

AVAILABILITY

We maintain substantial inventories of standard sizes. Our central location in the heart of America means lower shipping costs and faster, more dependable delivery. We have the capacity to produce 24/7.

COST

For a full line of products and costs contact a Southwestern Wire salesman.

7. Warranty

Up to 15-year limited warranties are available. See our website for details. (www.southwesternwire.com)

8. Maintenance

Our chain link fabric is essentially a maintenance free product, which will give many years of trouble free service. All fences should be inspected for vandalism and incidental damage.

9. Technical Services

Questions on technical matters can be directed to Southwestern Wire by calling 1-800-348-9473 or e-mailing technical support through the Southwestern Wire web site.

10. Filing Systems

www.southwesternwire.com

TO ORDER CONTACT YOUR SALESMAN

West

Your territory Sales Representative for this area is

Jason Gardiner

jgardiner@southwesternwire.com

1-800-348-9473



Washington
Oregon
California
Nebraska

Nevada
Montana
Wyoming
Utah
Kansas

Arizona
Colorado
North Dakota
South Dakota
New Mexico

North East

Your territory Sales Representative for this area is

Keith Ford

kford@southwesternwire.com

1-800-348-9473

Minnesota
Massachusetts
Indiana
New York
Wisconsin
Maine
Virginia
Arkansas

West Virginia
Kentucky
Iowa
Pennsylvania
Connecticut
Missouri
Michigan
Rhode Island
Vermont
Ohio
Illinois
New Hampshire
New Jersey
Delaware
North Carolina
Tennessee

South East

Your territory Sales Representative for this area is

Russell Thedford

rthedford@southwesternwire.com

1-800-348-9473

Texas
South Carolina
Georgia

Louisiana
Mississippi
Florida

Oklahoma
Alabama

Sales Manager Contact

Bruce Kohlun

bkohlun@southwesternwire.com

1-800-348-9473



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Call For More Information:

1-800-348-9473

Ask About Our 15 Year Warranty

Visit us at: www.southwesternwire.com