



TECH SPEC

Galvanized Steel Chain Link Fence Fabric ASTM A 392, Federal Specification RR-F-191 Type I

1. PRODUCT NAME

Galvanized Steel Chain Link Fence Fabric.

2. MANUFACTURER

Richard's Fence Company, 1600 Firestone Pkwy, Akron, OH 44301 800-624-5520.

3. PRODUCT DESCRIPTION

Basic Use:

Galvanized steel chain link fence fabric is suitable for industrial, commercial, and institutional applications. Galvanized fence fabric is often specified by local, state and federal government specifications for use in prison, road, dock, airport, housing, forestry and military applications.

Composition and Materials:

The core wire is cold drawn from commercial grade medium/low carbon steel rod to the appropriate diameter. The wire is then galvanized to the appropriate coating weight per diameter as specified in ASTM A392.

The wire is then woven into chain link fence fabric to the mesh size, height and selvage as required by the end user.

Standards:

ASTM B 6 Slab Zinc
ASTM F567 Installation of Chain Link Fence
ASTM A392 Standard Specification for Zinc-Coated Steel Chain Link Fence Fabric, Class 1.
Federal Specification RR-F-191K/ID Fencing, Wire and Post Metal (Chain-Link Fence Fabric), Type 1
American Association of State Highway Transportation Officials (AASHTO) - 181 Chain Link Fence, Type 1.

4. TECHNICAL DATA

General:

The Manufacturer, if requested, will supply samples and certification that all material 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 steel wire.

The wire is galvanized with a minimum of 1.2 oz/ft² before weaving and is free and flexible at all joints. Unless otherwise specified, Fabric woven in 2" (50mm) mesh and under 72" (1,830mm) in height, is knuckled at both selvages; fabric 72" high and

over is knuckled at one selvage and twisted at the other. All fabrics woven into meshes under 2" (50mm) have both selvages knuckled. .

Sizes:

Galvanized fabric is available in mesh sizes from 3/8" to 2" (10mm to 50mm), and in heights from 18" to 264" (457mm to 6,700mm). Not all mesh sizes are available in all heights.

5. INSTALLATION

Install chain link fence fabric in accordance with ASTM Practice 567. Handle all material with care.

6. AVAILABILITY AND COST

Galvanized steel chain link fence fabric is available for shipment throughout the United States and worldwide. Material costs may vary depending on specific requirements. Costs may be obtained by calling Richard's Fence Company or one of their dealers.

7. MAINTENANCE

Periodic inspection is recommended but no routine maintenance is required.

8. TECHNICAL SERVICES

Technical services are available.

| Mesh Size | | Finish Wire Gauge | Fabric Height Inch (mm) | Fabric Selvage K-knuckled, T-Twist | Roll Size | |
|-----------------------|------|-------------------|----------------------------|---------------------------------------|-----------|---------|
| 2" | 50mm | 6, 9, 11 | 18-264(457-6,700) | KK, KT or TT | 50' | 15.24 m |
| 1-3/4" | 44mm | 6, 9, 11 | 18-264(457-6,700) | KK only | 50' | 15.24 m |
| 1" | 25mm | 6, 9, 11 | 18-144(457-3,660) | KK only | 25' | 7.62 m |
| Maximum Security Mesh | | | | | | |
| 5/8" | 16mm | 9, 11, 12 | 18-120(457-3,050) | KK only | 25' | 7.62 m |
| 1/2" | 13mm | 9, 11, 12 | 18-120(457-3,050) | KK only | 25' | 7.62 m |
| 3/8" | 10mm | 9, 11, 12, 14 | 18-72(457-1,830) | KK only | request | request |