



**FIRST FENCE USA**

WE LISTEN. WE CARE. WE DELIVER

# Twin Wire Mesh Fencing

Specification Sheet

SPC-MESH-002A



 Call our Expert Sales Team for more information

[www.firstfenceusa.com](http://www.firstfenceusa.com) | [sales@firstfenceusa.com](mailto:sales@firstfenceusa.com) | (945) 941-2111



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### Twin Wire Mesh Fencing. High-Rigidity. Flat Profile Security.

Define Your Perimeter with Confidence. Our Twin Wire Mesh Series is engineered for property managers demanding extreme durability and a flush, modern aesthetic. Unlike standard mesh, this system utilizes a "sandwich" construction—locking vertical wires between dual horizontal wires—to create a completely flat, rigid panel that resists impact and cutting. Constructed from heavy-gauge galvanized steel with a polyester powder-coated finish, it maintains a polished corporate image for decades.

#### Key Features

- Premium Material**  
Galvanized Steel construction with a Polyester Powder Coat finish ensures lasting rust resistance and superior structural integrity.
- Heavy-Duty Twin Wire**  
Robust 0/4/0 Gauge design sandwiches vertical wires between double horizontal wires, offering exceptional resistance to cutting and impact.
- Structural Rigidity**  
A completely flat profile without "V" folds. The double-wire build creates a rigid backbone that prevents sagging without the need for horizontal rails.
- High-Visibility Security**  
The 8" x 2" mesh aperture is anti-climb yet transparent, maintaining clear sightlines for security cameras and patrol lines.
- Versatile Installation**  
Available in extended "Dig In" (up to 150" long) or standard "Bolt Down" configurations to suit any concrete or surface requirement.



#### Suitable For

- Commercial Perimeter Security
- Industrial Parks & Warehousing
- Schools and Universities
- Public Infrastructure & Utilities
- Sports Facilities & Dog Parks
- Airport & Transportation Hubs
- Retail Plazas & Walkway Definitions

### Optimized for Efficient Installation and Structural Rigidity.

Far more than standard welded wire fencing, First Fence's 3D mesh range is precision-engineered for the real world. It strikes the perfect balance, offering effortless handling during installation without sacrificing the uncompromising rigidity your site demands, panel after panel.

#### Spacing for Daylight

Strong 0/4/0 gauge wire welded at 2" horizontal centers, providing total strength along the length of the fence line.

#### Engineered for Strength

The mesh utilizes a high-tensile laminated geometry in which transverse 0-gauge galvanized rods are welded bilaterally across a 4-gauge longitudinal wire, maximizing shear strength and impact resistance.



#### Polyester Powder Coating

Delivers superior oxidation protection and architectural uniformity via a durable black polymer coating, applied to a minimum thickness of 0.003" in full compliance with ASTM F2453

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### A Height for Every Site

Our Twin Mesh Fencing range offers exceptional versatility with six distinct height options, spanning from standard 4-foot panels to imposing 10-foot barriers. This extensive selection allows you to precisely calibrate your perimeter protection, ensuring the perfect balance of visibility, deterrence, and site-specific security.

|  |  |   |
|--|--|---|
| <p><b>Twin Wire Fence 99" (W) x 4' (H)</b></p> <p>#005-000007</p> <p>48"</p> <p>8'-3" / 99" Wide</p> | <p><b>Twin Wire Fence 99" (W) x 4' (H)</b></p> <p>#005-000008</p> <p>56"</p> <p>8'-3" / 99" Wide</p> | <p><b>Twin Wire Fence 99" (W) x 4' (H)</b></p> <p>#005-000009</p> <p>72"</p> <p>8'-3" / 99" Wide</p>  |
| <p><b>Twin Wire Fence 99" (W) x 4' (H)</b></p> <p>#005-000010</p> <p>80"</p> <p>8'-3" / 99" Wide</p> | <p><b>Twin Wire Fence 99" (W) x 4' (H)</b></p> <p>#005-000011</p> <p>96"</p> <p>8'-3" / 99" Wide</p> | <p><b>Twin Wire Fence 99" (W) x 4' (H)</b></p> <p>#005-000012</p> <p>119"</p> <p>8'-3" / 99" Wide</p> |

### Post Options

All twin wire mesh fence systems are available with either square 2-3/8" steel posts or round posts. Additionally, choose between bolt-down (flange plated) or dig-in installation methods.

**Square Tube / Bolt Down (Flange Plated)**



**Round Tube / Bolt Down (Flange Plated)**



**Square Tube / Dig In**



**Round Tube / Dig In**



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# Twin Wire Mesh Fencing

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### Clamp Brackets

First Fence's clamp brackets provide maximum security for attaching mesh to posts, eliminating the corrosion risks associated with drilling into galvanized steel. Fully galvanized and powder-coated, our clamps blend seamlessly with your mesh fencing system for a flawless finish.

#### One Way Square Clamp Bracket

005-000043



- Used at the start, end and corner of Twin mesh fence run
- Designed for 2-3/8" Square Tube Posts
- Secured in place using 5/16" bolt and nut

#### Two Way Square Clamp Bracket

005-000041



- Used at the start, end and corner of Twin mesh fence run
- Designed for 2-3/8" Square Tube Posts
- Secured in place using 5/16" bolt and nut

#### One Way Round Tube Clamp Bracket

005-000044



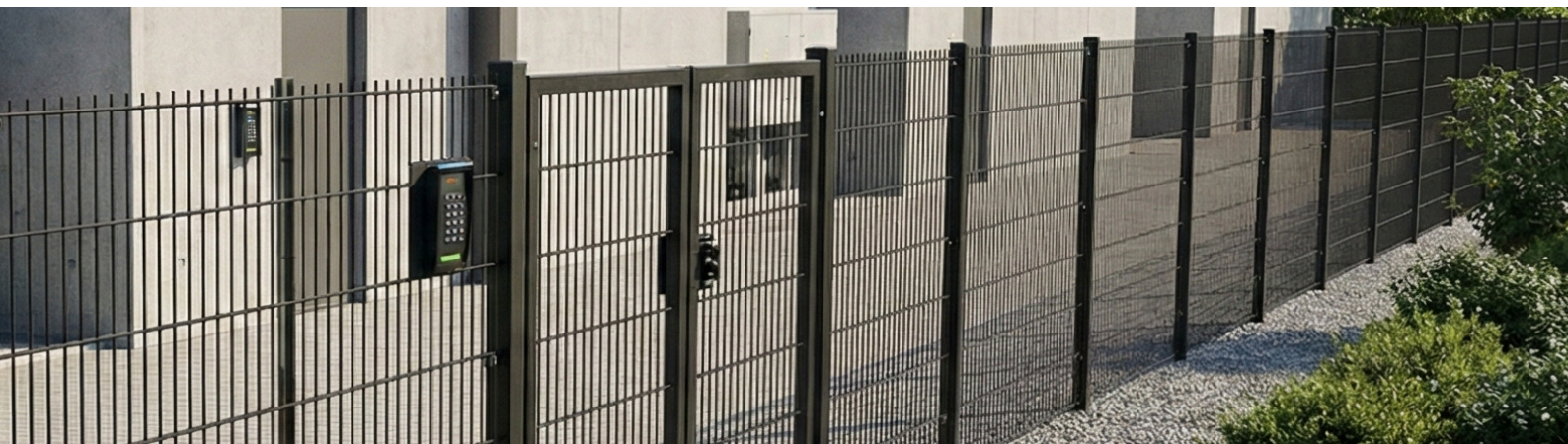
- Used at the start, end and corner of Twin mesh fence run
- Designed for 2-3/8" Round Tube Posts
- Secured in place using 5/16" bolt and nut

#### Two Way Round Tube Clamp Bracket

005-000042



- Used at the start, end and corner of Twin mesh fence run
- Designed for 2-3/8" Round Tube Posts
- Secured in place using 5/16" bolt and nut



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# Security Anti-Climb Mesh Fencing

Specification Sheet

SPC-MESH-003A

## Product SKU

## Square Wire Posts

005-000017

4' Tall Dig In Post  
2-3/8" x 2-3/8" 16ga

005-000018

5' Tall Dig In Post  
2-3/8" x 2-3/8" 16ga

005-000019

6' Tall Dig In Post  
2-3/8" x 2-3/8" 16ga

005-000020

6-1/2' Tall Dig In Post  
2-3/8" x 2-3/8" 16ga

005-000021

8' Tall Dig In Post  
2-3/8" x 2-3/8" 16ga

005-000022

10' Tall Dig In Post  
2-3/8" x 2-3/8" 16ga

005-000023

4' Tall Dig In Post  
2-3/8" x 2-3/8" 16ga

005-000024

5' Tall Bolt Down Post  
2-3/8" x 2-3/8" 16ga

005-000025

6' Tall Bolt Down Post  
2-3/8" x 2-3/8" 16ga

005-000026

6-1/2' Tall Bolt Down Post  
2-3/8" x 2-3/8" 16ga

005-000027

8' Tall Bolt Down Post  
2-3/8" x 2-3/8" 16ga

005-000028

10' Tall Bolt Down Post  
2-3/8" x 2-3/8" 16ga

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# Security Anti-Climb Mesh Fencing

Specification Sheet

SPC-MESH-003A

## Product SKU

## Round Wire Posts

005-000029

4' Tall Dig In Post  
2-3/8" - 16ga

005-000030

5' Tall Dig In Post  
2-3/8" - 16ga

005-000031

6' Tall Dig In Post  
2-3/8" - 16ga

005-000032

6-1/2' Tall Dig In Post  
2-3/8" - 16ga

005-000033

8' Tall Dig In Post  
2-3/8" - 16ga

005-000034

10' Tall Dig In Post  
2-3/8" - 16ga

005-000035

4' Tall Dig In Post  
2-3/8" - 16ga

005-000036

5' Tall Bolt Down Post  
2-3/8" - 16ga

005-000037

6' Tall Bolt Down Post  
2-3/8" - 16ga

005-000038

6-1/2' Tall Bolt Down Post  
2-3/8" - 16ga

005-000039

8' Tall Bolt Down Post  
2-3/8" - 16ga

005-000040

10' Tall Bolt Down Post  
2-3/8" - 16ga

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