



FIRST FENCE USA
WE LISTEN. WE CARE. WE DELIVER

3D Mesh Fencing

Specification Sheet

SPC-MESH-001A



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www.firstfenceusa.com | sales@firstfenceusa.com | (945) 941-2111



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Heavy-Duty 3D Mesh Fencing. Rigid Security. Industrial Strength.

Define Your Perimeter with Confidence. Achieve the ultimate balance of high-visibility security and structural durability. Our 3D Mesh Series is engineered for the property manager who demands industrial-grade protection without sacrificing line-of-sight. Constructed from heavy-duty 6-gauge galvanized steel wire with a durable polyester powder-coated finish, these panels are designed to resist corrosion, withstand impact, and maintain a polished corporate image for decades.

Key Features

- ✓ **Premium Material**
Crafted from Galvanized Steel with a durable Black Polyester Powder Coat. Ensures superior structural integrity and lasting rust resistance.
- ✓ **Heavy-Gauge Wire**
Features heavy-duty 6-gauge (6 GA) wire throughout. Offers exceptional resistance to cutting, bending, and denting.
- ✓ **Structural Rigidity**
Engineered with signature 3D "V" profile folds. Creates a rigid backbone that prevents sagging without the need for horizontal rails.
- ✓ **High-Visibility Security**
The 2" x 8" mesh aperture is anti-climb yet transparent. Maintains clear visibility for security cameras and patrol lines.
- ✓ **Versatile Installation**
Adaptable post configurations suit any site requirement. Available in extended "Dig In" concrete or standard "Bolt Down" surface options.



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.

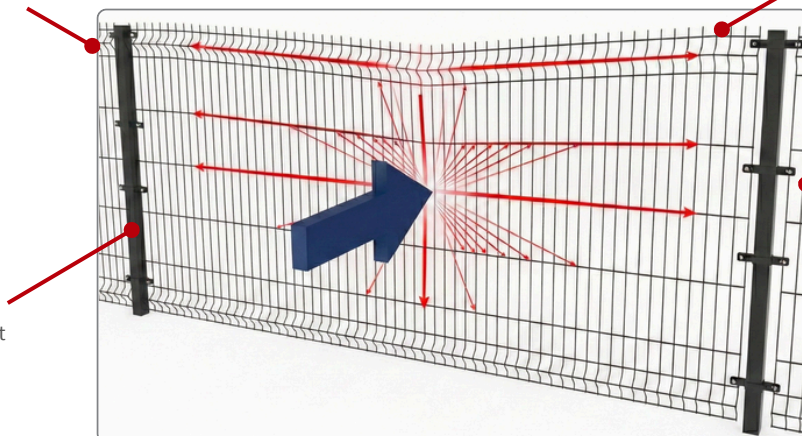
Far more than standard welded wire fencing, First Fence's 3D mesh range is precision-engineered for the real world. It strikes the perfect balance, offering effortless handling during installation without sacrificing the uncompromising rigidity your site demands, panel after panel.

Rigidity & Strength

The V-Bend design absorbs and disperses shock, keeping the panel rigid and minimizing damage when hit.

Posts Designed to Last

To maximize resistance to rust and corrosion, all First Fence USA 2-3/8" mesh fence posts are supplied undrilled.



Anti-Climb

Discourage opportunistic climbing attempts on the 3D Mesh Fence with prominently placed 1-3/16" spike projections.

Brackets to Suit

Ensure secure fixing with our range of heavy-duty clamp brackets. Suitable for intermediate line and terminal end posts, they include anti-shear nuts to prevent tampering."



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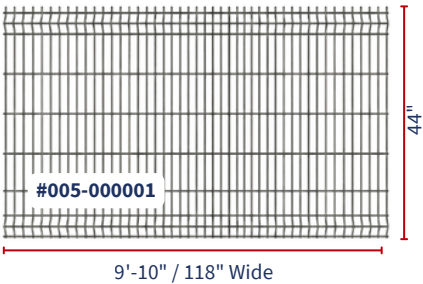
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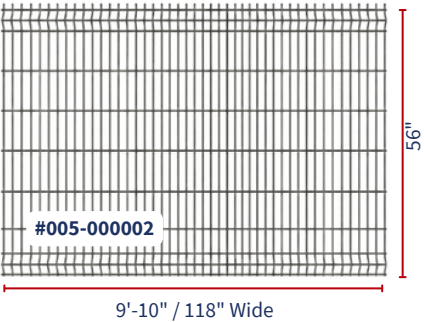
A Height for Every Site

Choose from six different heights in our 3D Mesh Fencing range to perfectly match your security needs. For added peace of mind, the panels can be installed spikes-down, ensuring a safe, anti-impalement solution for lower fences.

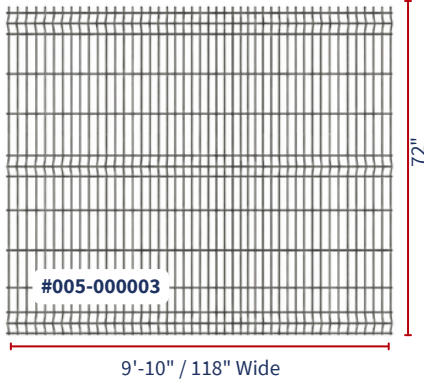
3D Fence 118" (W) x 4' (H)



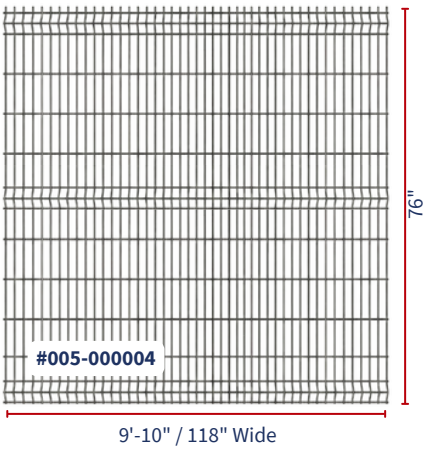
3D Fence 118" (W) x 5' (H)



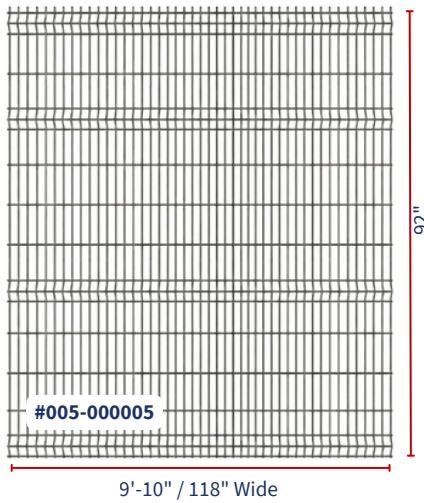
3D Fence 118" (W) x 6' (H)



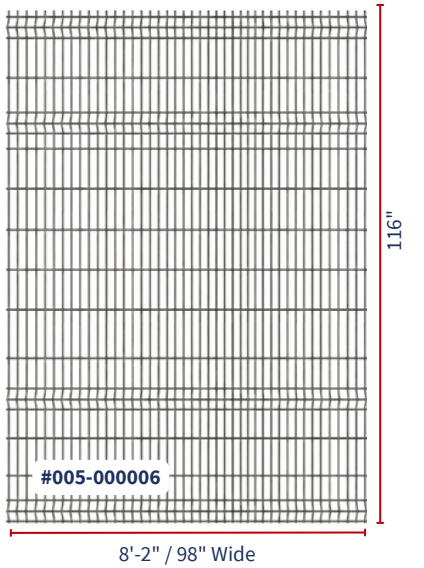
3D Fence 118" (W) x 6-1/2' (H)



3D Fence 118" (W) x 8' (H)



3D Fence 118" (W) x 10' (H)



Post Options

All 3D 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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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 3D 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 3D 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 3D 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 3D mesh fence run
- Designed for 2-3/8" Round Tube Posts
- Secured in place using 5/16" bolt and nut



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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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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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