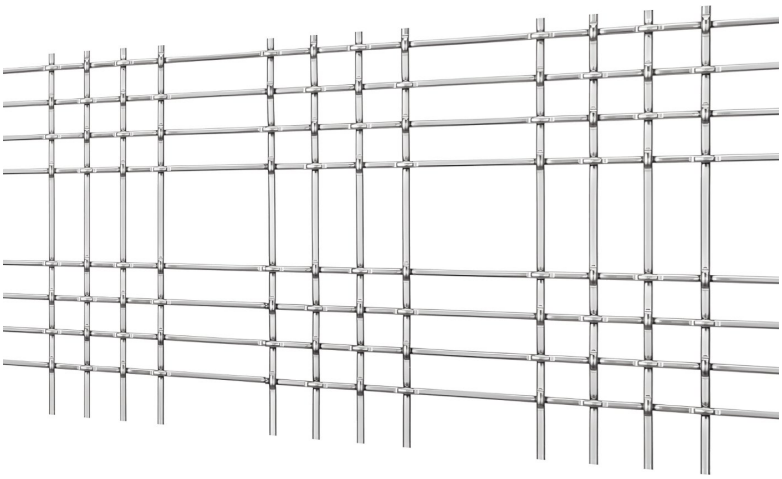
AXIS QUAD 77

Woven stainless steel architectural wire mesh



This modern high-definition lock crimp mesh features a uniform square design that stands out beautifully in expansive layouts, serving as a budget-friendly, versatile option. It is perfectly suited for building facades, parking garage sunshades, large space partitions and guardrail infills.

Technical Data

Model	AXIS QUAD 77
Series	AXIS
Construction	Lock crimp, 4-wire repeat
Panel type	Rigid
Open area	77.4%
Overall thickness	17/64" (6.86 mm)
Aspect ratio (opening)	1.00:1
Wire diameter (nominal)	0.134" (3.4 mm)
Opening (nominal, W x H)	0.988" x 0.988" (25.1 x 25.1 mm)
Wire centers (nominal)	1.122" x 1.122" (28.5 x 28.5 mm)
Opening limitation (largest sphere)	0.988" (25.1 mm)
Weight (nominal, stainless steel)	5.4 kg/m² (1.11 lb/ft²)
Standard materials	Stainless steel 304 / 316, Plain / galvanized steel, Aluminum, Brass, Bronze, Copper
Finishes	Mill, brushed or electropolished; powder coating (any RAL); PVD colors (titanium gold, rose gold, champagne, black titanium); antique plating (interior only)
Supply format	Rolls, cut sheets or framed panels made to your drawings. Maximum size depends on pattern and alloy - send your opening sizes for confirmation.

Weight by Material (nominal)

Material	kg/m²	lb/ft²
Stainless steel 304 / 316	5.4	1.11
Plain / galvanized steel	5.3	1.09
Aluminum	1.9	0.38
Brass	5.8	1.19
Bronze	6.0	1.23
Copper	6.1	1.25

Key Features

- Lock crimp mesh with a uniform square pattern
- Stands out in large, expansive layouts
- Budget-friendly and versatile

Ideal for: Building facades, parking garage sunshades, large space partitions and guardrail infills.

Performance & Design Data

Solidity (1 - open area)	22.6%
Geometric cut-off angle (short opening)	75°
Railing infill check (100 mm / 4" sphere)	Openings smaller than 100 mm (4")
Fire behaviour	Bare stainless steel is a non-combustible metal. Coated, plated or backed finishes: classification per project test report.
Corrosion guidance	304 for interiors and protected exteriors; 316 / 316L for exterior, coastal and polluted environments.

Beyond this incidence angle, direct light and view through the short opening are blocked (louver effect).

Installation & Framing

Recommended fixing	Framed panels (flat bar or angle), or a tensioned facade system: flat tension profile with clevis bolts top and bottom, compression springs at the base and intermediate supports at each floor.

How to Specify

1. Pattern name, e.g. AXIS 81
2. Material and grade, e.g. Stainless steel 316
3. Finish, e.g. PVD Black Titanium or RAL 9005
4. Panel width x height and quantity
5. Opening direction (rectangular patterns)
6. Edge or frame profile and size
7. Indoor or exterior, and site location
8. Target delivery date

Nominal values are calculated from pattern geometry for stainless steel and may vary by approx. 10-15%. Weights for other alloys are calculated from the stainless steel value. Wire diameter, opening, alloy, finish and panel size can be customized - please confirm final specifications with a physical sample.