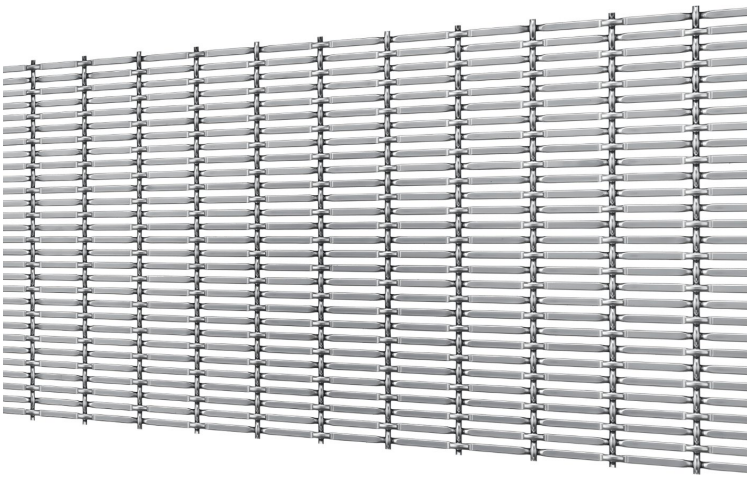
# ASPECT 47

Woven stainless steel architectural wire mesh



This distinctive dense rectangular architectural wire mesh features flattened warp wires that lend a striking, intricate visual detail up close, while creating a sleek, see-through metallic facade effect from a distance. It serves perfectly as a stylish decorative solution for elevator decor, cabinet panels, wall cladding and retail displays.

## Technical Data

| | |
|---|---|
| **Model** | ASPECT 47 |
| **Series** | ASPECT |
| **Construction** | Dense weave with flattened warp wires |
| **Panel type** | Rigid |
| **Open area** | 47.2% |
| **Overall thickness** | 9/64" (3.63 mm) |
| **Aspect ratio (opening)** | 4.13:1 |
| **Wire diameter (nominal)** | 0.071" (1.8 mm) |
| **Opening (nominal, W x H)** | 0.374" x 0.091" (9.5 x 2.3 mm) |
| **Wire centers (nominal)** | 0.445" x 0.161" (11.3 x 4.1 mm) |
| **Opening limitation (largest sphere)** | 0.091" (2.3 mm) |
| **Weight (nominal, stainless steel)** | 7.2 kg/m² (1.47 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 | 7.2 | 1.47 |
| Plain / galvanized steel | 7.1 | 1.46 |
| Aluminum | 2.5 | 0.51 |
| Brass | 7.8 | 1.59 |
| Bronze | 8.0 | 1.64 |
| Copper | 8.1 | 1.67 |

## Key Features

- Dense rectangular weave with flattened warp wires
- Intricate detail up close, a see-through metallic effect from a distance
- Refined surface suited to high-touch interiors

**Ideal for:** Elevator interiors, cabinet panels, wall cladding and retail displays.

## Performance & Design Data

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|---|---|
| **Solidity (1 - open area)** | 52.8% |
| **Geometric cut-off angle (short opening)** | 32° |
| **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

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|---|---|
| **Recommended fixing** | Framed panels: U-edging (captured edge), flat-bar clamp or angle frame. For wall and elevator cladding, clip or bond to an aluminum honeycomb or MDF backer. |

## 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.*