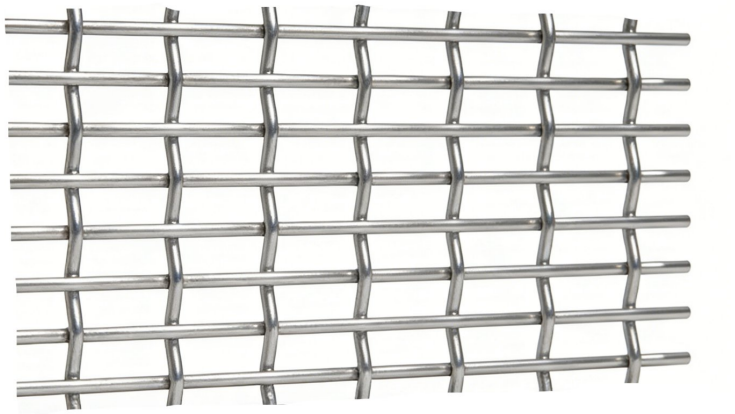
ASPECT 65

Woven stainless steel architectural wire mesh



Featuring perfectly matched warp and weft wire spacing, it seamlessly blends sleek aesthetics with reliable partition & protection, unifying style and functionality in one sophisticated design. It elegantly adorns parking garage facades, railings and guardrail infills across a wide range of settings.

Technical Data

Model	ASPECT 65
Series	ASPECT
Construction	Woven, solid round wires in warp and weft
Panel type	Rigid
Open area	65%
Overall thickness	5/16" (8.0 mm)
Aspect ratio (opening)	3.30:1
Wire diameter (nominal)	0.157" (4.0 mm)
Opening (nominal, W x H)	1.370" x 0.413" (34.8 x 10.5 mm)
Wire centers (nominal)	1.528" x 0.571" (38.8 x 14.5 mm)
Opening limitation (largest sphere)	0.413" (10.5 mm)
Weight (nominal, stainless steel)	10.0 kg/m² (2.05 lb/ft²)
Standard materials	Stainless steel 304 / 316, Aluminum, Bronze
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	10.0	2.05
Aluminum	3.4	0.70
Bronze	11.1	2.27

Key Features

- Perfectly matched warp and weft spacing for a balanced, uniform look
- Combines clean aesthetics with reliable partition and protection
- Rigid woven construction suitable for interior and exterior use

Ideal for: Parking garage facades, railings and guardrail infills.

Performance & Design Data

Solidity (1 - open area)	35.0%
Geometric cut-off angle (short opening)	53°
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.