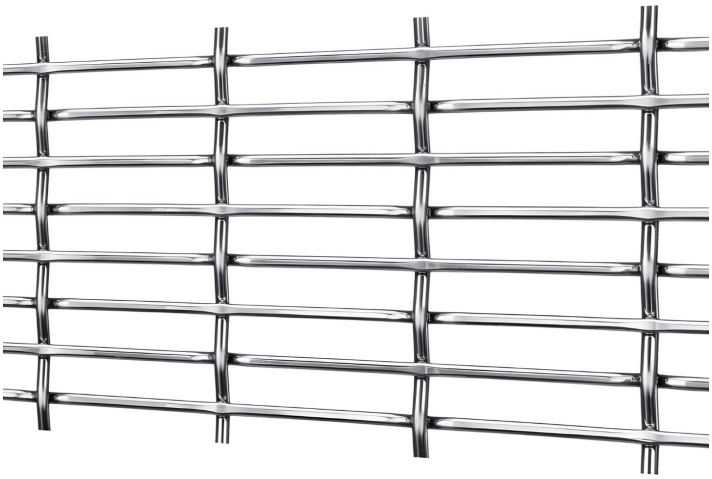
ASPECT 66

Woven stainless steel architectural wire mesh



Large-scale architectural wire mesh is engineered exclusively for diverse architectural applications. Boasting exceptional strength and outstanding adaptability, it delivers perfect integration into varied designs — from building facades, parking garage sunshades and interior partitions to guardrail infills — with budget-friendly and high-quality performance

Technical Data

Model	ASPECT 66
Series	ASPECT
Construction	Flat-top crimp, large scale (one flush face)
Panel type	Rigid
Open area	66.5%
Overall thickness	21/64" (8.23 mm)
Aspect ratio (opening)	3.33:1
Wire diameter (nominal)	0.161" (4.1 mm)
Opening (nominal, W x H)	1.508" x 0.453" (38.3 x 11.5 mm)
Wire centers (nominal)	1.669" x 0.614" (42.4 x 15.6 mm)
Opening limitation (largest sphere)	0.453" (11.5 mm)
Weight (nominal, stainless steel)	9.8 kg/m² (2.01 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	9.8	2.01
Plain / galvanized steel	9.7	1.99
Aluminum	3.4	0.69
Brass	10.6	2.16
Bronze	10.9	2.23
Copper	11.1	2.27

Key Features

- Large-scale weave engineered for architectural applications
- High strength with excellent adaptability to different designs
- Budget-friendly choice for large project areas

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

Performance & Design Data

Solidity (1 - open area)	33.5%
Geometric cut-off angle (short opening)	54°
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.