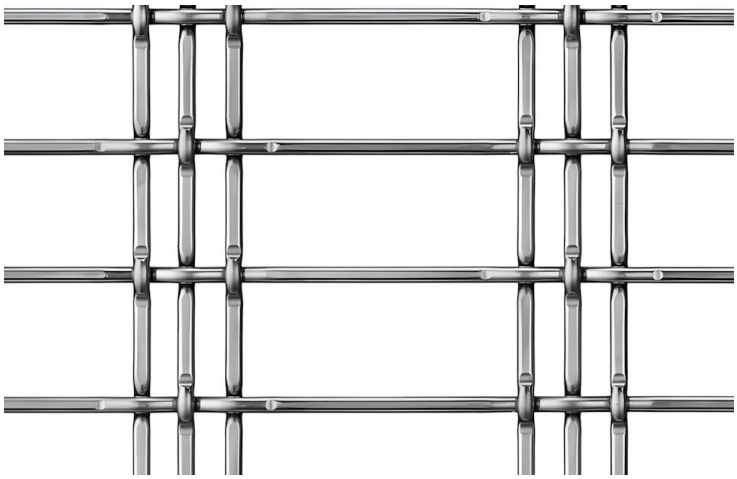
ASPECT 74

Woven stainless steel architectural wire mesh



Economical architectural wire mesh features a versatile medium-duty triple shute pattern, compatible with all wire alloy types. Its balanced structure combines cost efficiency with reliable durability, making it a go-to choice for frequent applications in building facades, parking garage sunshades and large-scale interior partitions.

Technical Data

Model	ASPECT 74
Series	ASPECT
Construction	Triple-shute lock crimp
Panel type	Rigid
Open area	74.8%
Overall thickness	11/32" (8.59 mm)
Aspect ratio (opening)	3.00:1
Wire diameter (nominal)	0.169" (4.3 mm)
Opening (nominal, W x H)	2.126" x 0.709" (54.0 x 18.0 mm)
Wire centers (nominal)	2.295" x 0.878" (58.3 x 22.3 mm)
Opening limitation (largest sphere)	0.709" (18.0 mm)
Weight (nominal, stainless steel)	7.5 kg/m² (1.54 lb/ft²)
Standard materials	Stainless steel 304 / 316, Plain / galvanized steel, 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	7.5	1.54
Plain / galvanized steel	7.4	1.52
Brass	8.1	1.65
Bronze	8.3	1.71
Copper	8.5	1.74

Key Features

- Medium-duty triple shute pattern
- Compatible with a wide range of wire alloys
- Balanced structure that combines cost efficiency with durability

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

Performance & Design Data

Solidity (1 - open area)	25.2%
Geometric cut-off angle (short opening)	64°
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.