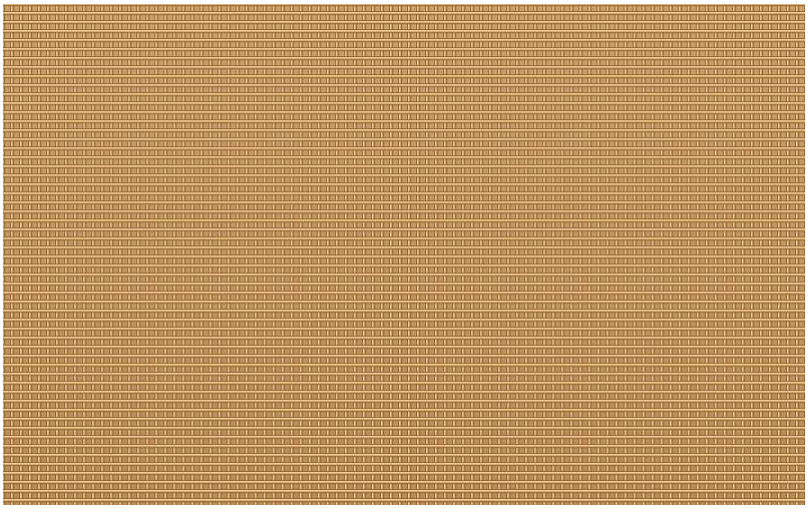
AXIS LAMINA 53

Fine woven mesh for laminated glass



A fine woven metal mesh designed to be laminated inside glass. It adds a soft metallic veil, privacy and solar control to partitions, balustrades, doors and facades while keeping the glass clear and safe - supplied in rolls or cut sheets to glass processors.

Technical Data

Model	AXIS LAMINA 53
Series	AXIS
Construction	Fine plain-weave square mesh
Panel type	Thin flexible sheet for glass lamination
Open area	52.9%
Overall thickness	0.024" (0.6 mm)
Wire diameter	0.012" (0.3 mm)
Opening (nominal, W x H)	0.031" x 0.031" (0.8 x 0.8 mm)
Weight (nominal, stainless steel)	1.04 kg/m² (0.21 lb/ft²)
Standard materials	Stainless steel 304 / 316; brass; copper
Finishes	Natural metal; PVD colors (titanium gold, rose gold, champagne, black titanium); oxidized copper
Supply format	Rolls 39"-59" (1.0-1.5 m) wide, or sheets cut to glass size for processors.

Weight by Material (nominal)

Material	kg/m²	lb/ft²
Stainless steel 304 / 316	1.04	0.21
Brass	1.12	0.23
Copper	1.18	0.24

Key Features

- Soft metallic veil inside laminated glass
- Privacy and solar control with clear views
- Stainless, brass, copper and PVD colors

Ideal for: Glass partitions, balustrades, doors, shower screens and facades.

Performance & Design Data

Solidity (1 - open area)	47.1%
Fire behaviour	Bare stainless steel is a non-combustible metal. Coated, plated or backed finishes: classification per project test report.
Corrosion guidance	Fully encapsulated in the glass interlayer; no corrosion exposure in service.

Installation & Framing

Recommended fixing	Laminated by the glass processor between PVB or EVA interlayers, e.g. 3+0.38+mesh+0.38+3 up to 10+0.76+mesh+0.76+10 mm; then installed as standard laminated glass.

How to Specify

1. Pattern name, e.g. VERTEX LINK 71
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 and industry reference data and may vary by approx. 10-15%. Weights for other alloys are calculated from the base-material value. Element size, opening, alloy, finish and panel size can be customized - please confirm final specifications with a physical sample.