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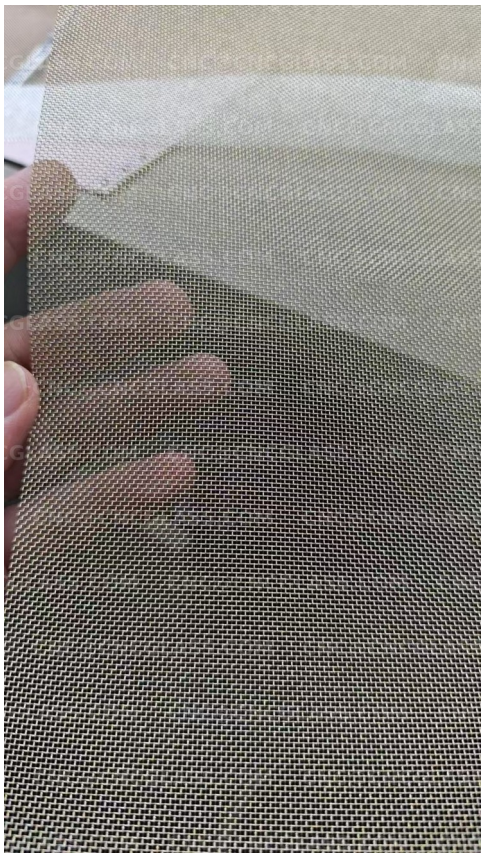
Metal-Coated Fabric Mesh Interlayer for Laminated Glass Design

CNCGLASS prepares metal-coated fabric mesh as a design insert for laminated glass. A fine, open textile is given a thin metallic finish and then laid between interlayer films, so the mesh is bonded inside the glass rather than applied to a face. The finished pane keeps the safety function of a laminated unit and adds sheen, texture, and a controlled exchange of light.

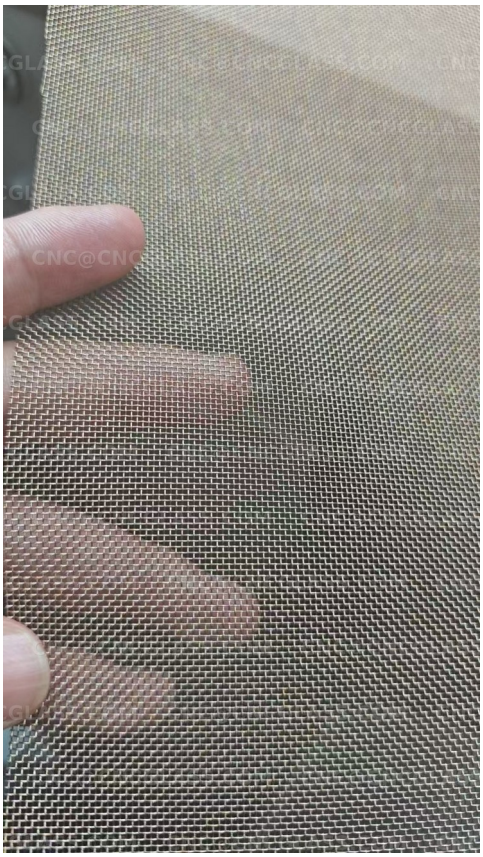
The metallic face plays with daylight: it brightens, softens, or deepens as the sun moves around the building. Openings in the weave let a view continue through the glass, while the coating and the mesh together moderate glare and solar gain. Architects use the material in façades, partitions, balustrades, doors, canopies, and interior feature glass.

The photographs in this showcase present the weave, the coating, and the range of metallic and coloured tones offered for project selection. Please contact cnc@cncglass.com for pricing.

Weave and coating



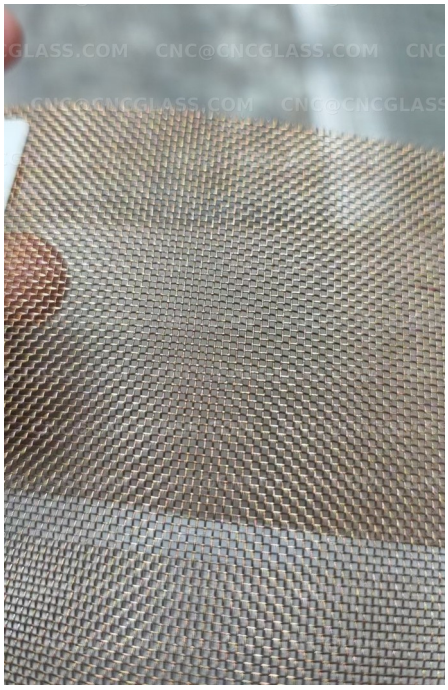
The open weave held to the light. A hand behind the cloth shows how readily the mesh can be seen through.



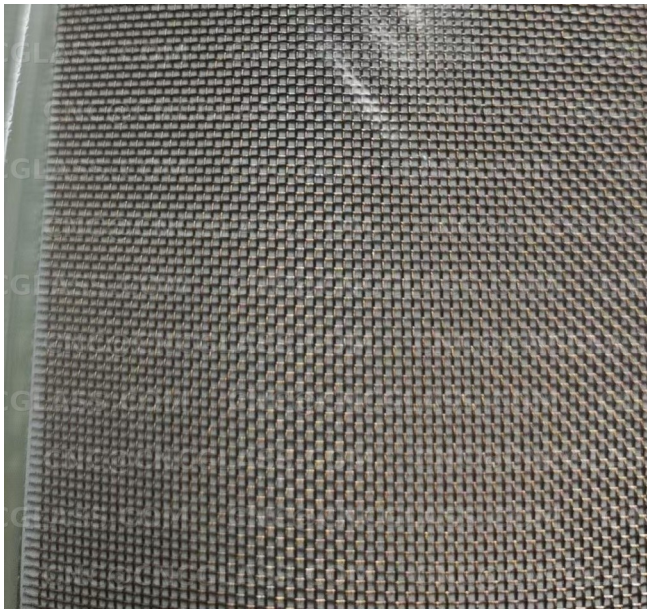
Close view of the weave and the metallic coating on the yarns.

Coating, two surfaces, and roll form

A thin metal coating gives the textile its sheen without turning it into a heavy sheet of metal. The two faces of a piece can read differently, and the same mesh can look quieter or more reflective as the viewing angle changes. The material is supplied in roll form and is cut to the glass size before layup.



Close view of the coated yarns and the regular openings that give the mesh its texture.



The mesh in roll form, ready to be cut for a laminated pane.



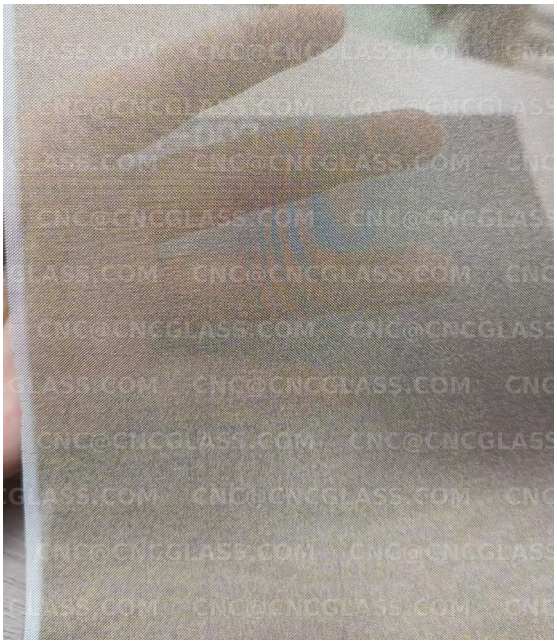
Two views of the same family of mesh: a softer coated sheen beside a clearer look at the open weave.

How the mesh sits in the glass

The mesh is not a facing applied to the glass. It is placed between two interlayer films and bonded between the glass plies, so it becomes part of the laminated unit. The films enclose the fabric, protect the coating, and give an even bond to both panes. Keep the mesh flat, aligned, and free of wrinkles during layup.



Typical makeup: glass, interlayer film, metal-coated fabric mesh, interlayer film, and glass.



A hand remains visible through the fabric, which is why an open mesh keeps a sense of depth in the glass.



A light silver mesh. The hand behind it shows how much view the weave still allows.

Warm metallic tones

Copper, rose, and bronze tones bring warmth to a façade or an interior pane. A fold in the cloth is often the easiest way to judge how the sheen will shift with light and viewing angle.



A warm, iridescent metallic tone, folded so the change in sheen is easy to see.



Copper-rose and a softer gold meet at a fold.

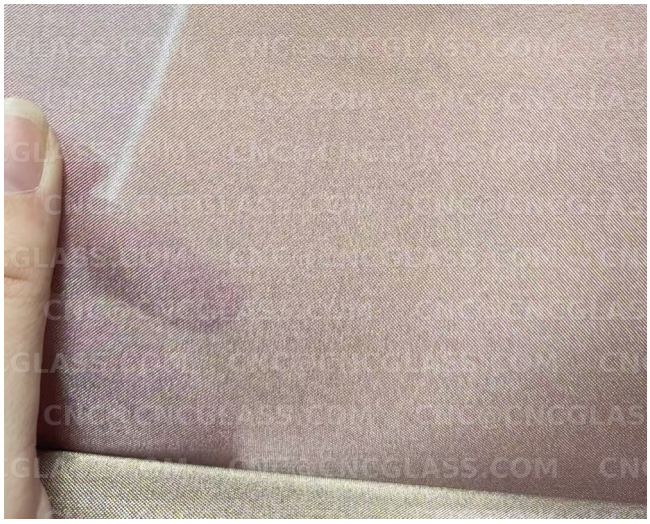


A rose-gold coating with a quiet, even sheen.



A warmer bronze-gold tone.

Rose, champagne, and soft gold



A dusty rose metallic finish.



A rose-copper mesh with a fine, even weave.



Pale champagne, folded so the drape of the fabric is easy to read.



A soft champagne-silver tone.

Gold and champagne



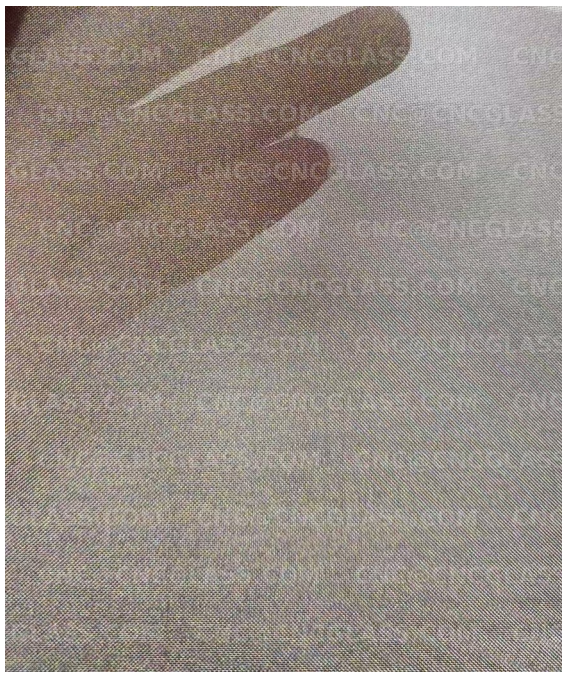
Warm champagne, with a brighter colour just visible in the layup.



Gold mesh, with a hand giving a sense of openness and scale.



Pale gold over a fresher green-gold tone at the fold.



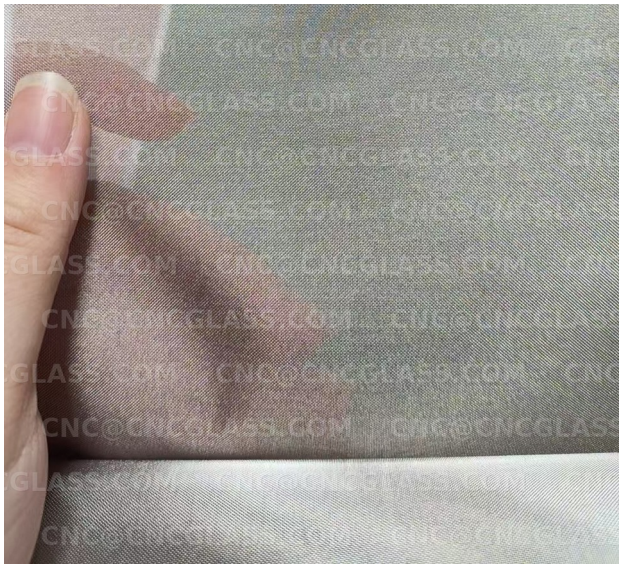
A warm silver-gold with a denser, cloth-like sheen.

Silver, colour accents, and deeper neutrals

Beyond the familiar gold family, the mesh is also offered in silver and taupe, in clearer colour accents, and in deeper neutrals. These tones are useful when a pane must pick up a colour already present in the architecture, or when a quieter field is wanted.



A bright silver tone with a lively metallic sheen.



A muted taupe with a soft metallic veil.



A cool steel-blue metallic finish.



A deeper blue coating.

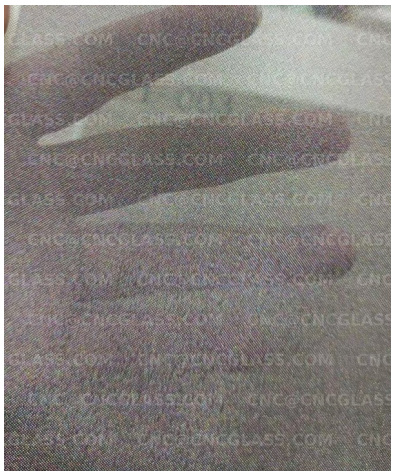
Colour accents and a view of the range



A lime-gold accent beside a quieter silver mesh.



A clear green metallic finish.



A darker bronze-grey tone, still open enough for a hand to read through the cloth.



A small stack of tones, from deep neutrals through green, gold, and blue.

Typical uses

Façades, partitions, balustrades, doors, canopies, skylights, and interior feature glass all take the same basic makeup. The finished pane may also be built into an insulating glass unit when the project needs a higher thermal performance. Align the mesh carefully, keep it flat and wrinkle-free, and leave the layup clean before the lamination cycle. Please contact cnc@cncglass.com for pricing.

Contact Us

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We will be glad to advise on metal-coated fabric mesh for laminated glass design.