SAATIstyle®

Metalized Fabrics for Glass
Lamination in Architecture &
Interior Design

SAATI

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Engage with SAATI

Metalized Fabrics for Glass Lamination in Architecture & Interior Design

SAATIstyle® is a range of high-tech fabrics created for use in interior design, conceived and manufactured in Italy with monofilament synthetic fibers and metal coatings.

These fabrics are available in a wide range of specifications, characterized by variable open area percentages (29-55%), material thickness (255 - 533 μm) and metal coatings. These features can be translated into various colorings, optical effects, and light & thermal transmission behaviors.

These attributes make SAATIstyle® perfect for lamination into glass for doors, sliding doors, moving glass partitions, shop windows and interior balusters.

SAATIstyle® is available in three different weave types and coated with aluminium.

Morever, our coated fabric can be digitally printed with UV curable inks, allowing creatives to express their concepts and designs on a surface that keeps its brightness.
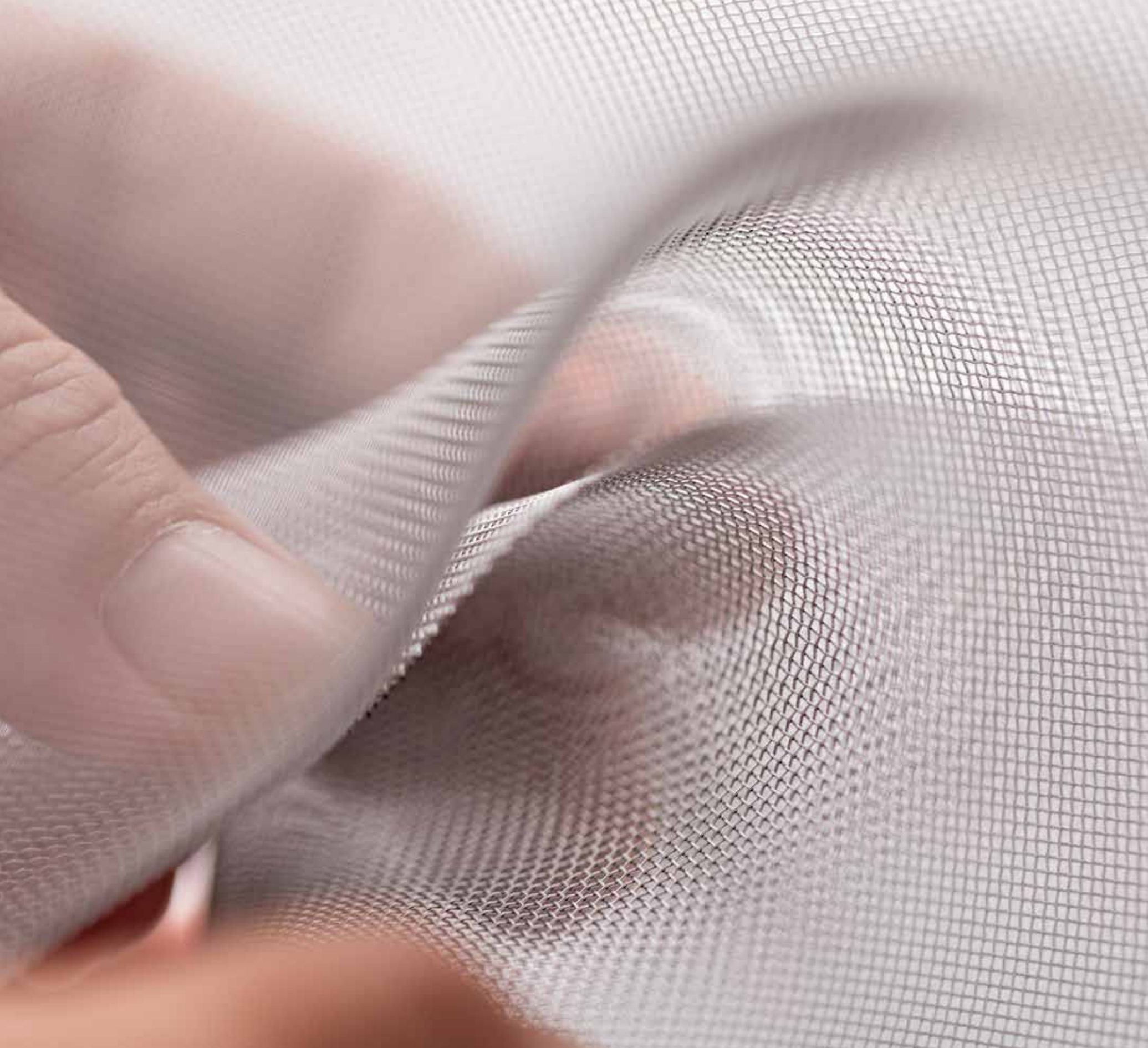
Mechanically Ethereal

Our SAATIstyle® fabrics are made of 99.9% polyester
on which, thanks to the help of nanotechnologies,
a very thin layer of metal, with a thickness
ranging from 4 to 5 nanometers, is deposited.
Polyester, with its flexibility, resistance, lightness and
ability to create soft shapes, is first extruded into
very thin threads that are then intertwined with each
other through a long and rigorous weaving process.
This weaving process allows us to create fabrics
with calibrated openings that act as light filters.

These last, after being metallized and eventually printed
with the brightest colors or nuances of the moment, can
be laminated inside glass. The vision through the panels
will not be clear, because the light beam will be sieved
and diverted in multiple directions, allowing a fragmented
and poetic image of the object in the background.

The total control we have on the mesh
opening of our fabrics, allows us to
provide a studied depth to transparency.
An opaque wall is thus replaced by the lightness of a
material that becomes the emblem of the enigmaticity
and indeterminacy of the contemporary being,
representing it in a malleable and mysterious vision.

Digital Decoration & Customization

Our fabrics are flexible and can adapt to the collective and individual imaginary, because they are easily customizable thanks to the aid of the digital printer.

The color intended as a synonym of individual character is thus fully expressed through SAATIstyle® fabrics. A green linked to a memory, to an affection, can thus surround us with a delicate materiality, made of opalescence and reflections.

The ornamental character of SAATIstyle® fabrics can also be accentuated with the printing of designs where, for example, a dark image is embellished by the brilliance of golden veins: a broad range of contrast guaranteed by deep black and emphasized by a metallic surface, which bestows a brilliance that cannot be matched by a simple yellow printed on a matt surface.

Functional Beauty

The materials we love most are the reflection
of our reality and SAATIstyle® fabrics respond
not only to aesthetic and emotional needs,
but also to functional and energetic ones.

Our synthetic fabrics are up to five times lighter than
their corresponding wire meshes, and therefore they
are proven to be much easier to handle and cut.

Beyond their mechanical advantages, SAATIstyle®
fabrics have additional environmental
benefits you might not expect.
By choosing the correct specifications, they are able
to reduce the amount of infrared energy that enters a
room by up to half, attenuating the summer heat in a
building by enshrouding it with a veiled transparency.
SAATIstyle® fabrics do not deform the image
of the environment behind them, maintaining
an unchanged image compared to reality.

SAATIstyle 002AL Intense Copper

Coarse Printed Copper Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	55
Light Transmittance [%] ASTM D-1003	49[*]
Haze [%] ASTM D-1003	5[*]
Clarity [%] ASTM D-1003	99[*]
Thickness [µm] UNI EN ISO 5084:1996	530
Weight [g/m^2] UNI 5114:1982	170
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

[*] The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 002AL Market Bronze

Coarse Printed Bronze Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	55
Light Transmittance [%] ASTM D-1003	48[*]
Haze [%] ASTM D-1003	4[*]
Clarity [%] ASTM D-1003	99[*]
Thickness [μm] UNI EN ISO 5084:1996	530
Weight [g/m^2] UNI 5114:1982	170
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

[*] The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 002AL Crown Gold

Coarse Printed Gold Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	55
Light Transmittance [%] ASTM D-1003	50(*)
Haze [%] ASTM D-1003	6(*)
Clarity [%] ASTM D-1003	99(*)
Thickness [µm] UNI EN ISO 5084:1996	530
Weight [g/m^2] UNI 5114:1982	170
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

(*) The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 003AL Sparkling Champagne

Fine Printed Champagne Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	44
Light Transmittance [%] ASTM D-1003	41[*]
Haze [%] ASTM D-1003	10[*]
Clarity [%] ASTM D-1003	98[*]
Thickness [μm] UNI EN ISO 5084:1996	260
Weight [g/m²] UNI 5114:1982	110
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

[*] The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 003AL Mineral Spring

Fine Printed Mineral Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	44
Light Transmittance [%] ASTM D-1003	40$^{(*)}$
Haze [%] ASTM D-1003	9$^{(*)}$
Clarity [%] ASTM D-1003	98$^{(*)}$
Thickness [μm] UNI EN ISO 5084:1996	260
Weight [g/m^2] UNI 5114:1982	110
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

$^{(*)}$ The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 003AL Intense Copper

Fine Printed Copper Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	44
Light Transmittance [%] ASTM D-1003	39(*)
Haze [%] ASTM D-1003	9(*)
Clarity [%] ASTM D-1003	98(*)
Thickness [μm] UNI EN ISO 5084:1996	260
Weight [g/m²] UNI 5114:1982	110
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

(*) The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 003AL Crown Gold

Fine Printed Gold Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	44
Light Transmittance [%] ASTM D-1003	40[*]
Haze [%] ASTM D-1003	10[*]
Clarity [%] ASTM D-1003	98[*]
Thickness [µm] UNI EN ISO 5084:1996	260
Weight [g/m^2] UNI 5114:1982	110
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

[*] The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 007AL Emerald Green

Reflective Metal Coated Emerald Printed Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	29
Light Transmittance [%] ASTM D-1003	20[*]
Haze [%] ASTM D-1003	7[*]
Clarity [%] ASTM D-1003	98[*]
Thickness [μm] UNI EN ISO 5084:1996	380
Weight [g/m^2] UNI 5114:1982	278
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

[*] The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

SAATIstyle 007AL Intense Copper

Reflective Metal Coated Copper Printed Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	29
Light Transmittance [%] ASTM D-1003	22[*]
Haze [%] ASTM D-1003	14[*]
Clarity [%] ASTM D-1003	98[*]
Thickness [μm] UNI EN ISO 5084:1996	380
Weight [g/m^2] UNI 5114:1982	278
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

[*] The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.
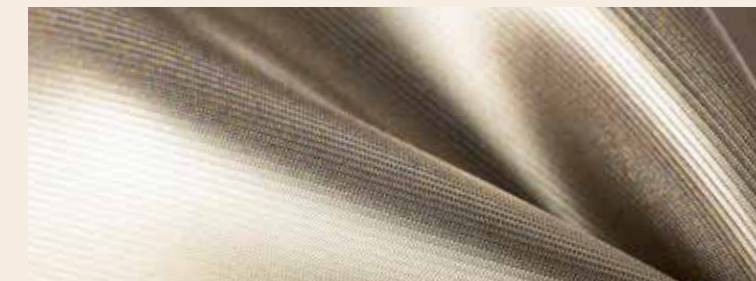
SAATIstyle 007AL Crown Gold

Reflective Metal Coated Gold Printed Mesh for Glass Lamination in Interior Design

Specifications	
Open Area [%]	29
Light Transmittance [%] ASTM D-1003	23[*]
Haze [%] ASTM D-1003	15[*]
Clarity [%] ASTM D-1003	98[*]
Thickness [μm] UNI EN ISO 5084:1996	380
Weight [g/m²] UNI 5114:1982	278
Fabric	Polyester
Aesthetic	Metal coated and printed on both sides
Standard Available Width [cm]	158

[*] The values in the table must be considered as references, suggestions for design. They were obtained from individual samples laminated within two panes of glass in the composition: low-iron glass (4 mm) +Interlayer (0,76 mm)+ fabric + interlayer (0,76 mm) + low-iron glass (4 mm).
We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

Flexibility

SAATIstyle® offers the possibility to create an assymetrical panel with one specification on one side, and a different material on the other.

We enable you to juxtapose one a flat texture with a printed pattern or two colors against each other, without any interference from the opposite side.

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