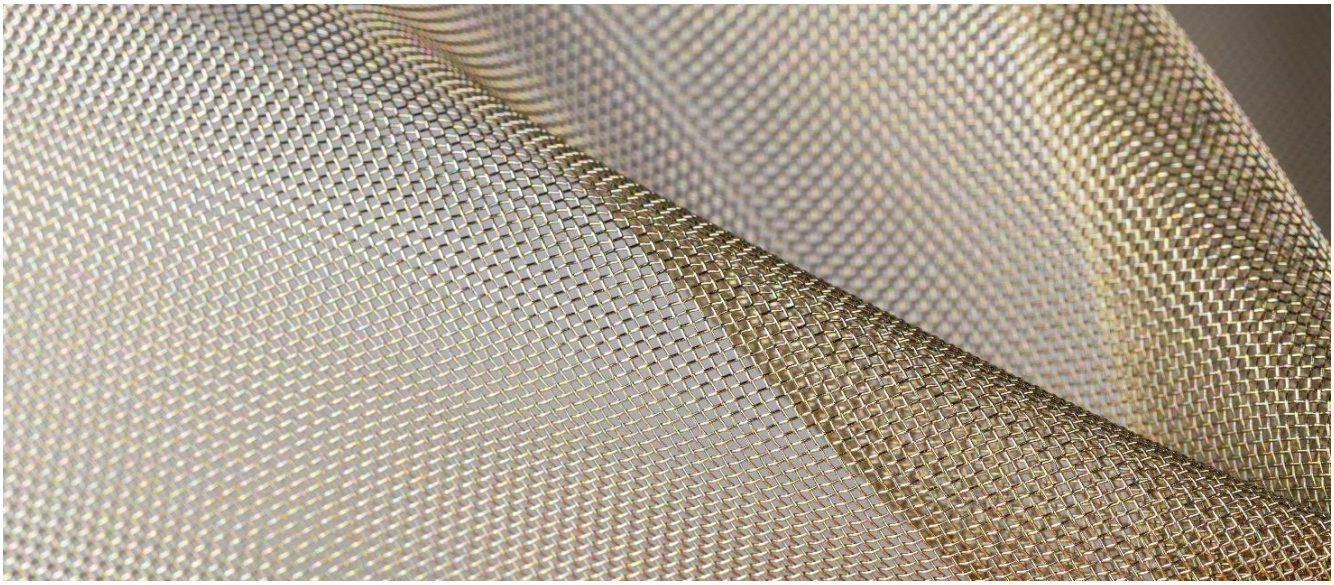


SAATI

SAATI is a multinational company that develops, manufactures, and commercializes highly advanced technical fabrics and chemicals for industrial use, such as: automotive, consumer electronics, graphics, ballistic protection, and architecture.

SAATIstyle®

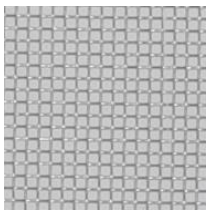
SAATIstyle® is our product range of polyester fabrics specifically designed for architectural applications; our team of experts can offer support in the design of tailor-made architectural projects and meet any specific requirement in terms of light, texture, reflection, and transparency thanks to its wide range of fibers, thicknesses, and open areas.

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.

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

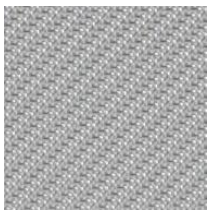
Width of fabric: 158 cm

Standard Mesh Type



SAATIstyle® 002AL

SAATIstyle® 003AL



SAATIstyle® 007AL

We recommended to verify the actual effect of SAATIstyle fabric through a sample.

Item (Nominal Values)	Open area	Weight	Thickness
		UNI 5114:1982	UNI EN ISO 5084:1996
SAATIstyle® 002AL	55 %	170 g/m^2	530 µm
SAATIstyle® 003AL	44 %	110 g/m^2	260 µm
SAATIstyle® 007AL	29 %	278 g/m^2	380 µm

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SAATIstyle® for every project

SAATIstyle® is a polyester fabric coated with a metal layer that is then printed with colors. Both sides of the product are customizable and manageable separately, achieving different effects for each face within the glass.

Testing

All SAATIstyle® 002AL, 003AL and 007AL have been tested and certified in accordance with:
- EN 12600:2002 (pendulum test) - level 1B1*
- UNI EN ISO 12543-4:2022 (test method for durability)
- no delamination nor bubble*

Recommendations

When handling the fabric, it is recommended to always take care of the material to avoid any contamination that could stain the fabric.

We also recommend testing the compatibility between the fabric and any materials that come into contact with it. The choice of the interlayer, which should be a minimum of 0.76mm both above and below the fabric, must be made based on the desired qualities such as resistance to humidity or mechanical stress.

To ensure greater insulation, we suggest leaving a 10mm perimeter without fabric to achieve better sealing and to mask the edge of the glass with an outer profile.

When cutting the fabric, it is important to ensure that all shapes are cut in the same direction. This is because the fabric has a directional pattern which is evident during lamination.

The fabric can be cut either cold or hot. In the latter case, we recommend avoiding excessively high temperatures to prevent burn marks on the edge. It is important to note that the glass processing company is ultimately responsible for the lamination process.

Storage

All SAATIstyle® materials must be kept in a dry and clean indoor environment with no direct exposure to sunlight. To avoid leaving impressions on materials, they must be stored horizontally within bubble wrap and never stacked. Always handle with clean, lint-free gloves.

	Light Transmission	Haze	Clarity
	ASTM D-1003		
002AL Crown Gold	50%	6%	99%
002AL Intense Copper	49 %	5%	99%
002AL Market Bronze	48%	4%	99%
003AL Crown Gold	40%	10%	98%
003AL Intense Copper	39%	9%	98%
003AL Mineral Spring	40%	9%	98%
003AL Sparkling Champagne	41%	10%	98%
007AL Crown Gold	23%	15%	98%
007AL Intense Copper	22%	14%	98%
007AL Emerald Green	20%	7%	98%

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 vacuum bags the composition: low-iron glass (4mm) + SentryGlas (0,76mm) + fabric + SentryGlas (0,76mm) + low-iron glass (4mm). We recommended to verify the actual effect of SAATIstyle® fabric through a sample of laminated glass.

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