Technical properties

Soltis W96 Standards

Weight 620 g/m² EN ISO 2286-2

Thickness 0.56 mm

Width 267 cm

Length of rolls

Standard format length 35 lm

Physical properties

Tensile strength (warp/weft) 220/220 daN/ 5 cm EN ISO 1421

Tear strength (warp/weft) 25/20 daN DIN 53.363

Flame retardancy

Rating

M2

NFP 92-507

Management systems

Quality ISO 9001

Certifications, labels, guarantees, recycling

The technical data above are average values with a +/- 5% tolerance.

The buyer of our products is fully responsible for their application or their transformation concerning any possible third party. The buyer of our products is responsible for their implementation and installation in compliance with standards, codes of practice and safety regulations in force in destination countries. For information on our contractual warranty, please refer to the relevant terms and conditions.

The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customers to make the best use of our products. Our products are subject to changes prompted by technological developments. We reserve the right to modify their characteristics at any time. The buyer of our products is responsible for checking the validity of the above data.

TOOLS AND SERVICES

• Personalised service for simulating your project's thermal performance and related Soltis solar protection systems: please contact your Serge Ferrari representative

• Tool for evaluating energy savings generated by Soltis solar protection systems: www.textinergie.org

• Document and photo libraries: www.sergeferrari.com

Cover photo: Le Prao, Sainte Maxime - France - © S. Demailly

Inside photos: non contractual photos provided as examples.

Soltis is a Serge Ferrari sas registered trademark.

ref. 1014 • FEV. 2015/ V1.01

*Benefits observed for normal product usage
Aesthetics and easy upkeep
Soltis W96 integrates into projects, in which aesthetics is not an option. Its unique characteristics differentiate it from standard waterproof solutions:
• possible combination with the Soltis 96 micro-ventilated version, which the same aspect in a transparent material,
• quick, easy upkeep,
• long-term colourfastness.

Impermeability and luminosity
Soltis W96 impermeable screen conserves excellent luminosity, unlike conventional waterproof fabrics that often obscure light.

Soltis W96 is distinctive due to:
• its transparent textured aspect,
• its high degree of translucence, allowing natural light to pass without glare.

Its waterproof treatment ensures:
• efficient, long-term protection against bad weather,
• heat reflection to maintain a comfortable thermal environment.

Soltis W96 ensures absolute comfort on terraces and balconies, which thereby become usable throughout the year. This of course ensures a quicker return on an outdoor area arrangement.

MAIN FEATURES
• Luminosity conserved
• Weather protection
• Heat protection
• High colourfastness to UV radiation
• Easy maintenance

APPLICATIONS
• Pergolas, canopies
• Shadesails
• Small shade structures
• Dutch canopies
• Velums

100% effective year round protection

Soltis W96 inhibits water, but not light

The colours and textures represented in this document are provided as a reference only.
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Flexibility and easy-to-fit

MAIN FEATURES
• Luminosity conserved
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• Heat protection
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APPLICATIONS
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Solar and light properties
(EN 14501)
Soltis W96 & Soltis 96: a comprehensive solution
Soltis 96 is a micro-ventilated version of Soltis W96 for projects requiring enhanced solar protection but no impermeable characteristic.

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<th>TS (%)</th>
<th>RS (%)</th>
<th>AS (%)</th>
<th>TV n-h (%)</th>
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* Colours coordinated with Soltis W96 screens

TS: Solar Transmission (%)
RS: Solar Reflection (%)
AS: Solar Absorption (%)
TS + RS + AS = 100% of incident energy
TV n-h: Normal-hemispherical visible light transmission (%)
Soltis W96 integrates into projects, in which aesthetics is not an option. Its unique characteristics differentiate it from standard waterproof solutions:

- possible combination with the Soltis 96 micro-ventilated version, which the same aspect in a transparent material,
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### Solar and light properties (EN 14501)

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Soltis W96 is a micro-ventilated version of Soltis W96 for projects requiring enhanced solar protection but no impermeable characteristic.

Soltis 96 is a micro-ventilated version of Soltis W96 for projects requiring enhanced solar protection but no impermeable characteristic.
Patented worldwide, Précontraint Serge Ferrari® technology involves keeping the composite under tension throughout the manufacturing cycle.

### Characteristics

- Exceptional dimensional stability
- Long-term strength
- Greater coating thickness at the top of the yarns
- Perfect flatness

### Benefits*

- No material deformation during installation or usage
- No elongation, tear resistant
- Long-term strength and aesthetic quality
- Thinness, compactness, easy rolling
- Guaranteed aesthetics
- Smooth finish, easy maintenance

*Benefits observed for normal product usage
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**Management systems**

- **Quality**: ISO 9001

**Certifications, labels, guarantees, recycling**

Motorized retractable exterior screen absorb heat, reduce glare and block the sun, provide rain protection, reduce wind speed to create your ideal ambiance. Motorized retractable screen provide a comfortable interior by blocking solar rays, which protects your furnishings, reduces glare and also saves money on cooling costs. Motorized exterior screens can also be used in places such as windows, doors, and especially larger openings in porch to create a pleasant and pest-free outdoor area to enjoy.

We use the best material available with quality fabrication using High Frequency (HF) Radio Frequency (RF) welding is the joining of Ferrari textile materials by supplying HF energy in the form of an electromagnetic field (27.12 MHz) and pressure to the material surfaces to be joined. A generator produces the energy. The tool used to supply the energy is called an electrode. The electrical energy causes the molecules within the material to start moving, which generates heat that causes the material to soften and thereby fuse together. No outside heat is applied. It is instead generated within the material. After cooling the welded surface under maintained pressure, the material is fused and a weld has been created. The weld seam can be at least as strong as the surrounding material – or even stronger. Contact us at [http://flshutters.com/](http://flshutters.com/)

Retractable solar screen, exterior screen and exterior shade.