Soltis Loop®
Sunmate

The 1st generation
of recycled-based products
for interior solar protection

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- **The first ever fabric made with 100% recycled materials** from post-consumer wastes:
  — 100% recycled polyester yarns (Global Recycled Standard 4.0) in the basecloth
  — 100% recycled polymers in the coating

  A reduced environmental footprint to meet the requirements of LEED, BREEAM, WELL, HQE, certifications.

  Soltis Loop® Sunmate is PVC free and phthalate free.

- **A fabric that protects**
  Soltis Loop® Sunmate is a dimout fabric that
  — Protects from outside view and preserves privacy
  — Filters the light to provide the right level of natural light without glare
  — Blocks up to 91% of heat.

- **Soltis Loop® Sunmate combines aesthetics and performance**
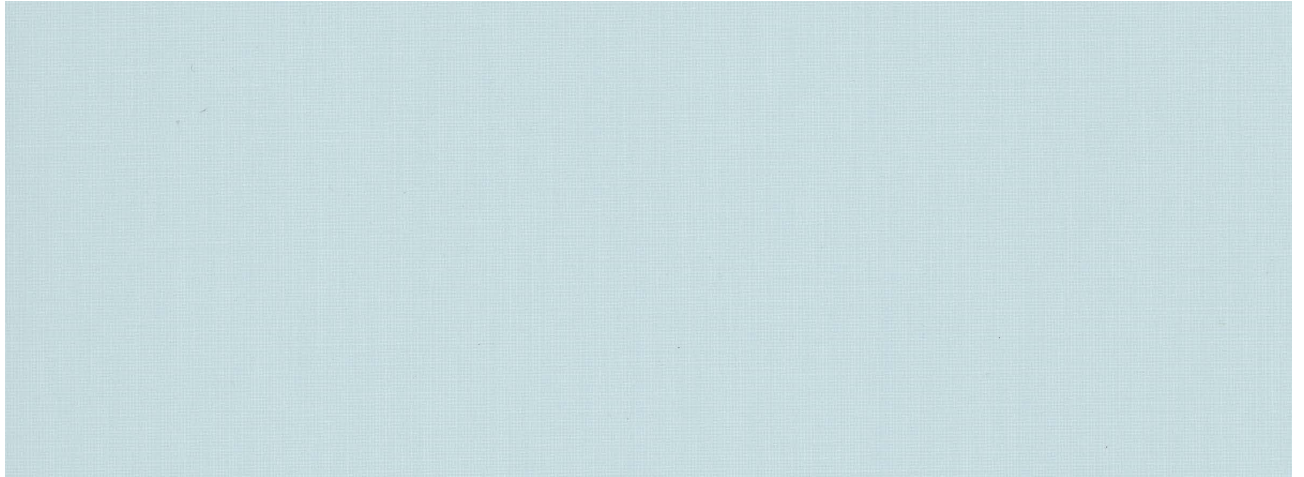 — A textile look and feel
  — An eco-responsible range of colours that blend in with any style and help create cozy spaces.

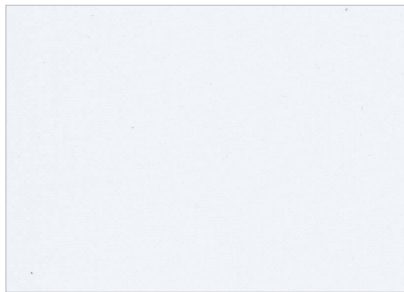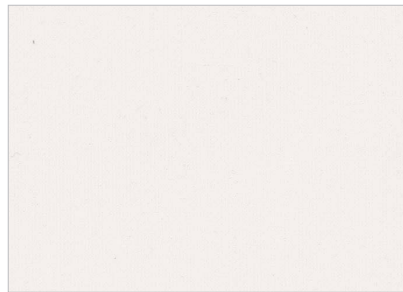# Environmental sobriety and efficiency

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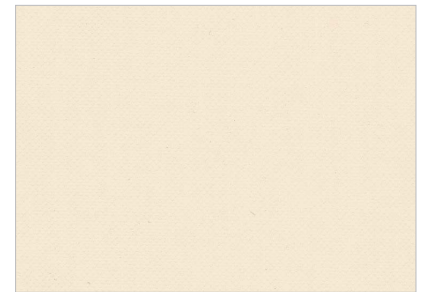**Oxygen** 230 cm   SP21100-0378

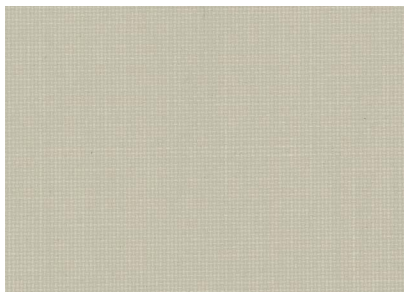**Optical White** 230 cm   SP21100-0382   **White** 230 cm   SP21100-0974   **Cream** 230 cm   SP21100-0975
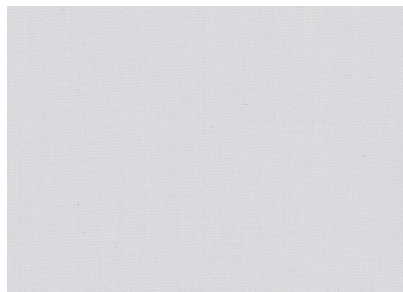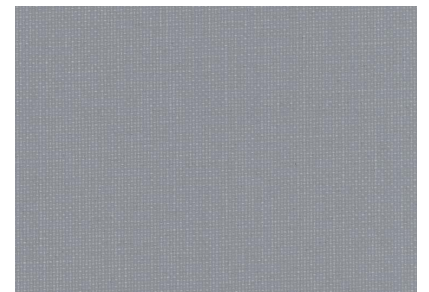
Oatmeal 230 cm   SP21100-0379   **Silver** 230 cm   SP21100-0976   **Alloy** 230 cm   SP21100-0380

Steel grey 230 cm   SP21100-0381

Let's enter the loop

PET bottles
Post-consumer wastes

Post-consumer wastes

Recycled PET chips

Soltis Loop® Sunmate
Interior roller blind

Recycled Polymer flakes

100% recycled PET yarns

+

100% recycled Polymers
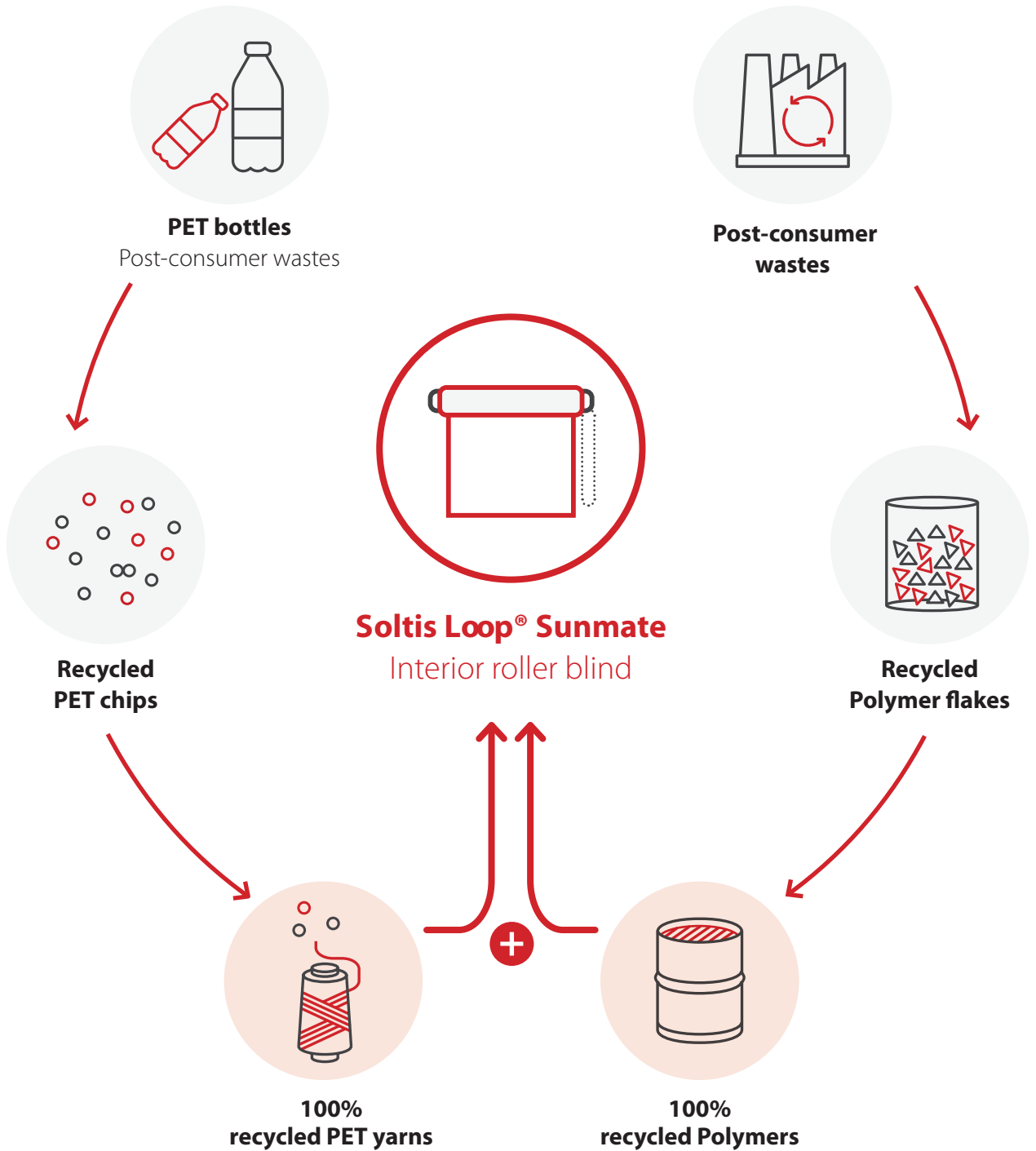
Act now to build a better tomorrow

Loop is a new generation of innovative products, made of 100% recycled materials, which embodies our sustainable approach : "+ = 0".

This formula reflects our will for lighter, more durable and high-performance membranes, without any additional environmental impact. Aiming at saving natural resources, the Loop range is a forerunner of tomorrow, when we will be able do even more with less.

Loop - the first range of composite membranes on the market made of 100% recycled polyester yarns and polymers.

OUR CSR
+=0
APPROACH

What makes
Soltis Loop® Sunmate different?

Environmental performance

Innovation
Soltis Loop® Sunmate

PVC FREE
+ 100% recycled PET yarns
+ 100% recycled polymers
from post consumer
wastes

Advanced

PVC FREE
recycled
yarns

Improved

PVC FREE

Standard

Only
Serge Ferrari Group
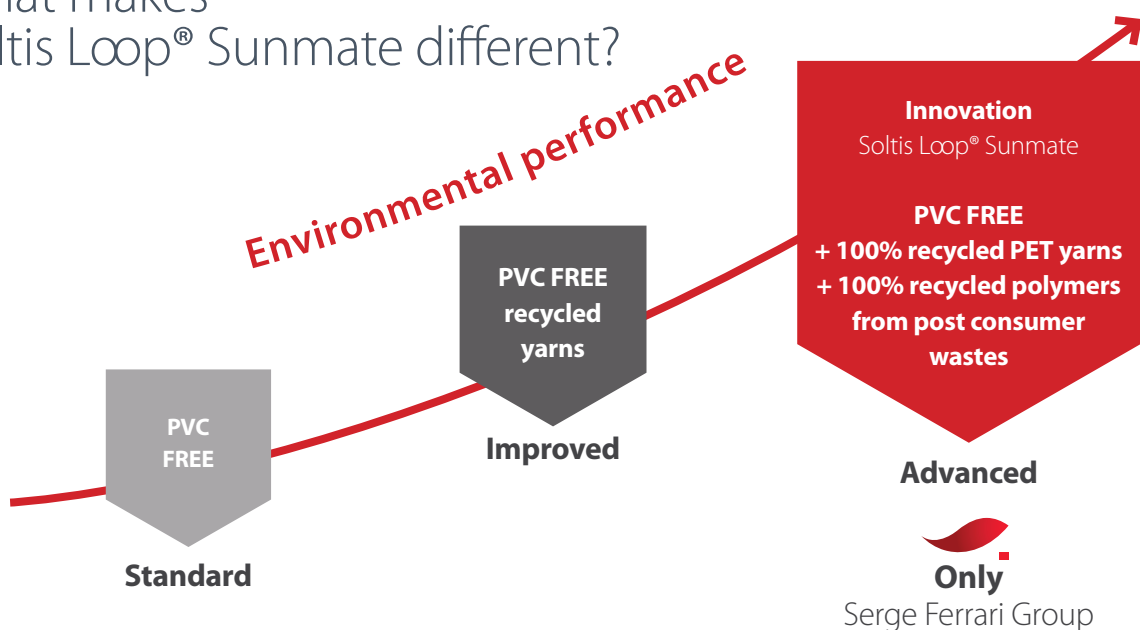
◾ Solar and light properties (according to EN 14501)

		TS	RS	AS	TV n-h	ISO 52022-3* Glazing D	
						$g_{tot}^{\,i}$	
SP21100-0378		12	66	22	7	0,14	
SP21100-0379		7	52	41	4	0,17	
SP21100-0380		2	34	64	1	0,22	
SP21100-0381		0	16	84	0	0,26	
SP21100-0382		14	75	11	10	0,09	
SP21100-0974		12	74	14	8	0,10	
SP21100-0975		12	72	16	8	0,11	
SP21100-0976		11	64	25	8	0,13	

TS : Solar Transmission (%)

RS : Solar Reflection (%)

AS : Solar Absorption (%)

TS + RS + AS = 100 % of incident energy

TV n-h : Normal - hemispherical Visible light transmission (%)

$g_{tot}^{\,i}$: Internal Solar factor

*ISO 52022-3
Detailed method

Takes into account transmission and reflection spectral values for glazing-blind combination to calculate solar factor, g_{tot}.
Type "D" glazing: insulating double glazing - face 2 lowly emissive (4 + 16 + 4; argon-filled) g = 0.32 - U = 1.1.

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■ Technical properties	Standards
Composition	100% recycled polyester yarns + 100% recycled polymers from post-consumer wastes	
Weight	245 g/m² ● 7.2 oz/sq.yd	EN ISO 2286-2
Thickness	0.30 mm ● 300 microns	
Width	230 cm ● 90.6 in.	

■ Roll length	
Standard format length	50 lm ● 54.6 yd	

■ Physical properties	
Tensile strength (warp/weft)	90/75 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	8/7 daN	DIN 53.363

■ Reaction to fire	
Rating	**B1**/DIN 4102-1 — **Class 1**/UNI 9177-87 — **Class 1**/EN 13773 — BS 5867-2 — BS 7837 NFPA 701 — CAN ULC S109	
Euroclass	**B-s2,d0**	EN 13501-1

■ Management system	
Quality		ISO 9001
Environment		ISO 14001
Energy		ISO 50001

■ Certifications, labels, warranty

5-year warranty

GREENGUARD PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818 GOLD

Phthalate FREE

PVC FREE

OUR CSR +=0 APPROACH [1]

[1] Logo "+=0": summarises the Serge Ferrari Group's commitment to CSR, to align economic performance and positive impact. Find out about our concrete actions in our CSR report.

The technical data above are averaged values with a +/- 10% 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 according to the standards, use and customs and safety rules of the countries where they are used. 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 only to enable customers to make the best use of our products. Our products are subjects to evolutions due to technical progress, we remain entitled to modify the characteristics of our products at any time. The buyer of our products is responsible for checking the validity of the above data.

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