

The First Recycled PET Fabric Collection For Sun Protection

The REvolution
is **blue**

PARA

TEMPOTEST®

STARLIGHT® **blue**

ITALIAN PERFORMANCE FABRICS



Made with 85% recycled Polyester
Certified by ICEA
[GRS 2020-250]

Fabrics for Future
the

By recycling 328 plastic bottles...*



Tempotest® Starlight® blue is a fabric made with recycled PET. It is certified GRS (Global Recycled Standard) for a reduced environmental impact in terms of water, energy, and CO₂ production.

* 112 (1.5 qt.) + 216 (0.5 qt.)

... we create over 25 yd² of fabric

The Tempotest® Starlight® blue collection proves sustainability does not need to mean compromise. Our recycled GRS certified PET yarn offers exceptional strength, performance, and maximum UV protection (UPF 50+). As always, our exclusive Teflon™ Extreme finish offers the industry's leading protection.

Sustainable Sun Protection



Recycling of PET Bottles

The sustainability of our project starts with PET bottles. Once collected, they are sent to the recycling sites and pressed into compact bales, reducing the CO₂ emissions caused by transporting a high volume of bottles.

Cleaning the Raw Material

Inside the recycling plant the bottles are separated and subjected to a deep cleaning process. The material is minced into small flakes.

Plastic Melting & Chip Production

The plastic is then melted and extruded through a spinneret and after a solidification process in air and water, it is cut into chips using special cutters.

Solution-Dyed Process

The colorless chips are melted and mixed with a PET master batch containing a high concentration of dye; The result is a uniformly dyed mass with a maximum resistance to color fading.

From Bottle to Shade



From Melted Mass to Single Fibers

The melted polymer is extruded through a spinneret with small holes which determine the thickness of the filament. The single filaments solidify in contact with the air.

Filament is Wound onto Bobbins

The resistant and compact continuous filament is then wound onto bobbins in order to be processed into texturized or taslan yarns.

Weaving & Finishing

The yarn is woven to create Tempotest® Starlight® blue fabric. Thanks to its innovative Teflon™ Extreme by Parà, finishing, fabrics are water/oil repellent, and resistant to mold and stains.

From Fabric to Shade

Tempotest® Starlight® blue fabric is ready to be used for finished fabrication. Exclusively available from the Miami Corporation.

Sustainable Processes; Significant Savings

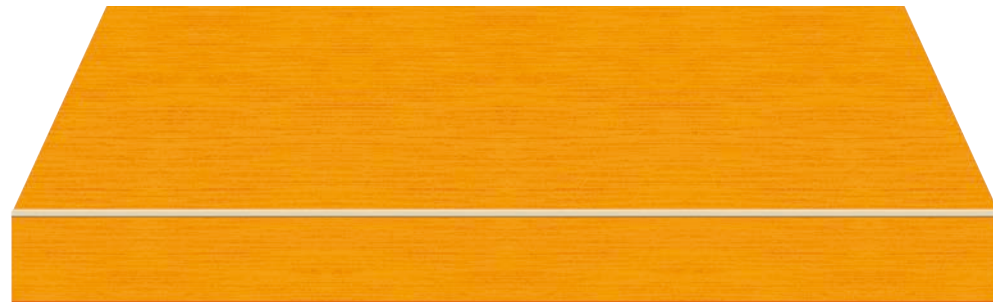




CALCITE blue T6254/551-47



HEATHER GNEISS blue T6015/502-47



HEATHER CITRINE blue T6012/501-47



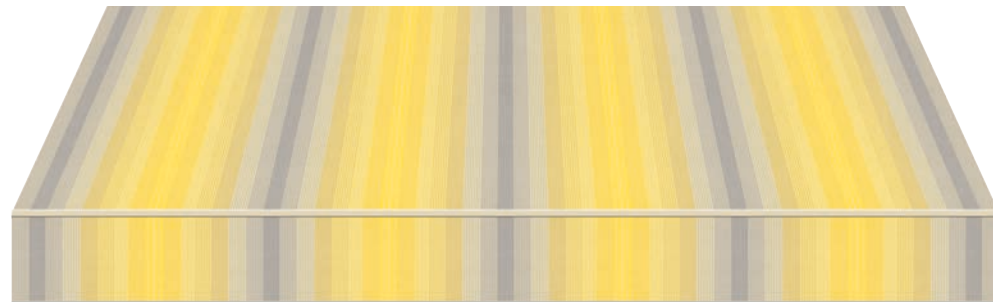
MEXICAN FIRE OPAL blue T6019/501-47



DIORITE blue T6231/597-47



ANDESITE blue T6234/597-47



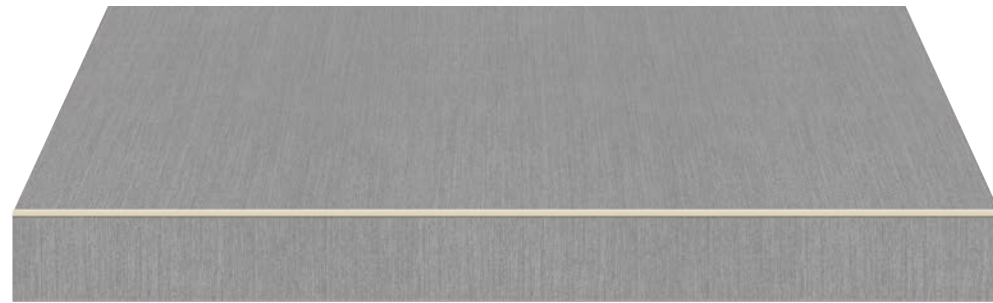
HELIODOR blue T6252/585-47



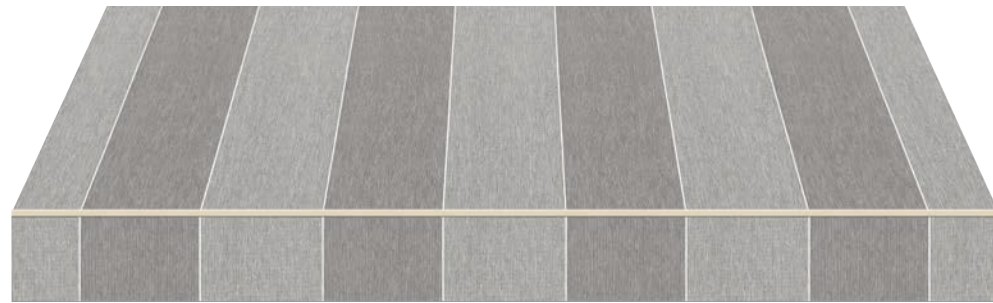
SUNSTONE blue T6256/512-47



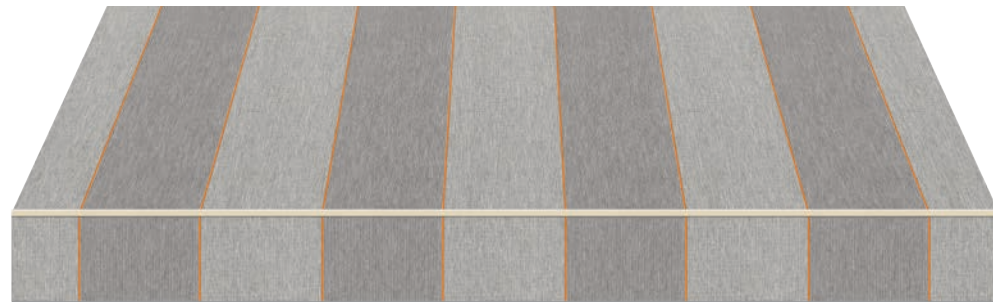
RHYOLITE blue T6236/590-47



GABBRO blue T6873/597-47



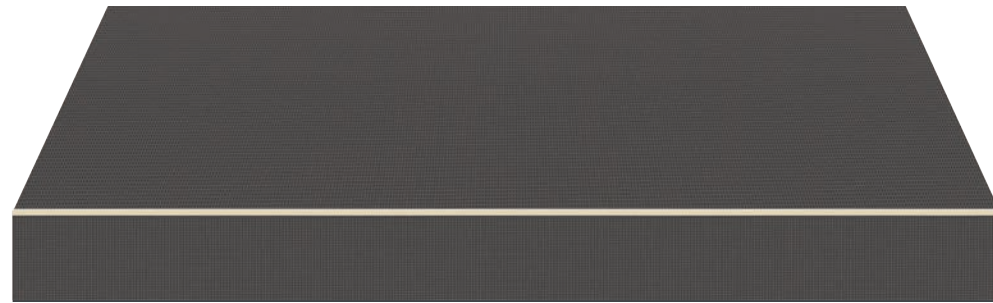
QUARTZ CRYSTALLINE blue T6255/515-47



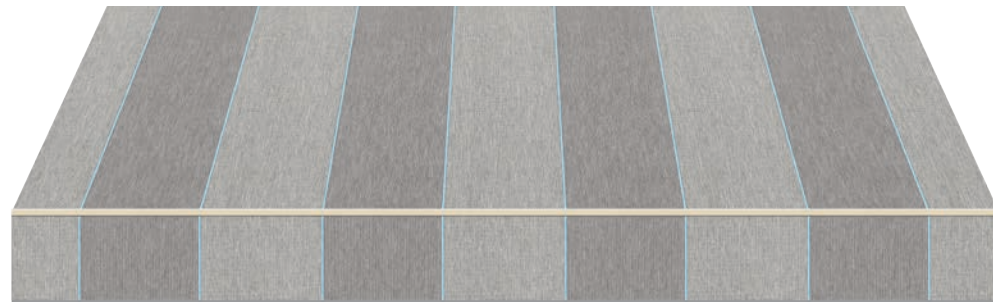
CARNELIAN CRYSTALLINE blue T6255/555-47



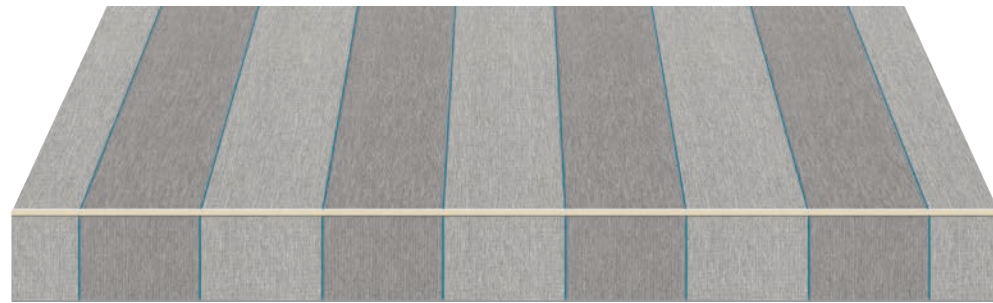
LONDON BLUE TOPAZ blue T6083/515-47



BASALT blue T6253/597-47



AQUAMARINE CRYSTALLINE blue T6255/521-47



TOPAZ CRYSTALLINE blue T6255/583-47

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TECHNICAL FEATURES

Composition	Width (UNI EN 1773/98)	Weight (UNI EN 5114/82)	Water Column (UNI EN 20811)
Recycled PET Solution-dyed Yarns	47"	8.5 oz/yd ² (+/- 5%)	≥ 38cm

All technical specifications are available on our website at www.tempotestusa.com



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