sunproof®

TECHNICAL TEXTILE FOR OUTDOOR

ACRYLIC
SOLUTION DYED

www.sunproof.co.id

ACRYLIC SOLUTION DYED

PRODUCT BENEFITS

Hygiene Protection

Safe for your health. Sunproof fabric is specially treated with sanitized product for hygiene protection. This product inhibits microbial developments and mould stains.

Outstanding Color Fastness

Strong color fastness to artificial weathering. Some fabrics if exposed to sunlight for an extended period will fade or lose their intensity of color.

Sunproof therefore ensure excellent quality of raw material is used. In accodance to British Standard (BS EN ISO 105-B04), for the color fastness to artifitial weathering. Sunproof fabric has been tested with the result of 7-8.

Environmental Friendly

Woven from 100% solution dyed acrylic yarn. Sunproof has chosen to use the premium quality of Solution Dyed Acrylic. Solution dyeing is a clean manufacturing process as the color is added before the yarn is extruded. It is friendly to the environment because no dye bath processes are used, eliminating waste effluents, which may pollute air and water.

Easy Maintenance

Extreme stain resistant. Sunproof fabric is carefully processed and has gone through a special treatment to reduce the fabric absorption of soil and stains. It keeps the fabric looking clean, fresh and new.

Water repellent. Sunproof fabric is protected by an invisible shield around each of its fiber to keep the fabric dry and clean. It is a natural anti adhere.

Excellent Weatherability

Resistant to UV damage and fading. Sunproof applies excellent ultraviolet blocking agents which protect polymer backbone of the fabric from the effect of UV radiation.

Perfect for all outdoor applications. Therefore as an outdoor fabric, Sunproof is proven to have a strong ability to withstand the effects of prolonged exposure to sunlight, wind, rain and humidity. It is long lasting.

Superb UV Protection

High UV Protection rating. Sunproof fabric has gone through high quality of testing and evaluated by an internationally recognized research and service centre, the Hohenstein Institute, Germany.

Proven Quality. Sunproof has obtained UV Standard 801 certificate - protect 80 means it is capable of blocking more than 97% UV Ray.

Waste Water Reduction

With our technology process, eliminates the harmful chemical effluents if dyeing process and reduce the water usage.

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

UV PROTECT 80 UV STANDARD 801 HOHENSTEIN

Sanitized® Protection

repellence Protection

soil & stain Release

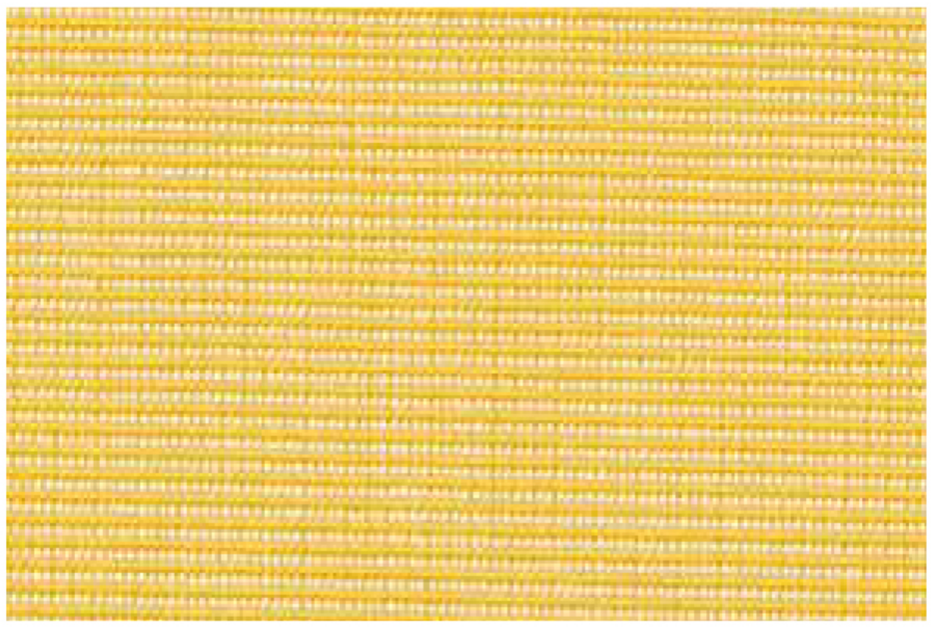


Sunproof® Acrylic Solution Dyed Fabric

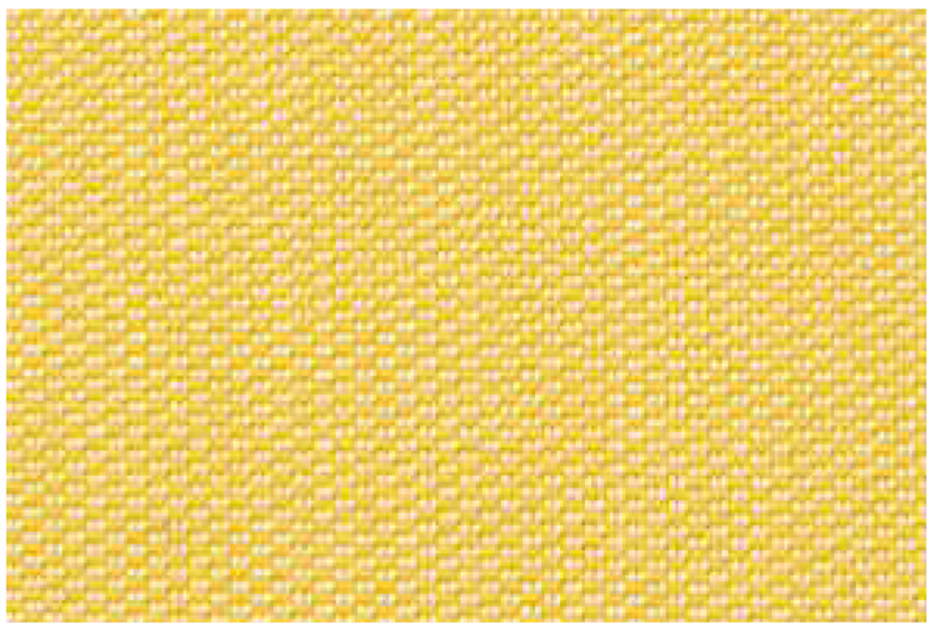
Technical Data

DESCRIPTION	ARASHI	SALECIA	BALOS	ARASHI#T/WP
Weight	274 gr/m²	266 gr/m²	274 gr/m²	343 gr/m²
Width	150 cm	150 cm	150 cm	150 cm
Tensile Strength (EN ISO 13934 - 1) -Warp | Weft	1,000 N | 600 N	1,000 N | 410 N	1,000 N | 600 N	1,000 N | 1,030 N
Tear Strength (EN ISO 13937 - 3) -Warp | Weft	48 N | 43 N	75 N | 32 N	48 N | 43 N	65 N | 40 N
Seam Slippage [Load applied 180 N] (prEN ISO 13936 - 2) -Warp | Weft	3 mm | 6 mm	3 mm | 7 mm	3 mm | 6 mm	3 mm | 3 mm
Color Fastness to Rubbing (EN ISO 105 - X12) Dry Rubbing	4 - 5	4	4 - 5	4
Wet Rubbing	4 - 5	4 - 5	4 - 5	4 - 5
Color Fastness to Artificial Weathering (BS EN ISO 105 : B04)	8	8	8	8
Abrasion Resistance (BS EN ISO 14465 Annex A)	18,000 rubs	9,000 rubs	18,000 rubs	16,000 rubs
Water Repellency : Spray Test (AATCC Test Method 22 - 2005)	90	90	90	90
Colorfastness to Chlorinated to pool water (BS EN ISO 105 - E03)	4	4	4	4 - 5
Colorfastness to water (BS EN ISO 105 - E01)	4 - 5	4 - 5	4 - 5	4 - 5
Colorfastness to sea water (BS EN ISO 105 - E02)	4 - 5	4 - 5	4 - 5	4 - 5
FLAMMABILITY				
• Cigarette (BS EN 1021 - 1)	Pass	Pass	Pass	Pass
Anti Mildew (AATCC 147 : 2011 & 30 - 2004)	Pass	Pass	Pass	Pass
Pilling Resistance [after 2,000rubs] (EN ISO 12945 - 2)	5	5	5	5
Soil Release (AATCC 130)	5	5	5	5
Dimensional Stabilty to washing (EN ISO 6330)	- < 1.0%	- < 1.0%	- < 1.0%	- < 1.0%
Oekotex Standard 100	Pass	Pass	Pass	Pass
UV Standard 801	Pass	Pass	Pass	Pass
Weatherability [1,500 hours] (ASTM G53 - 96)	4,000 hours	4,000 hours	4,000 hours	4,000 hours
Hydrostatic preasure test (AATCC Test Melthod 127)	-	-	-	863 mm / bar

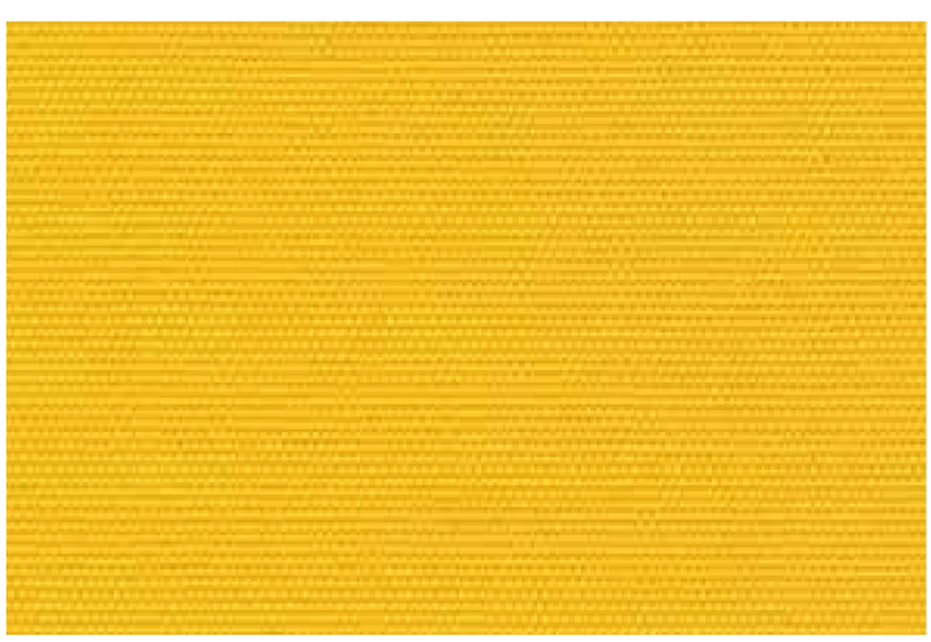
YELLOW & GREEN



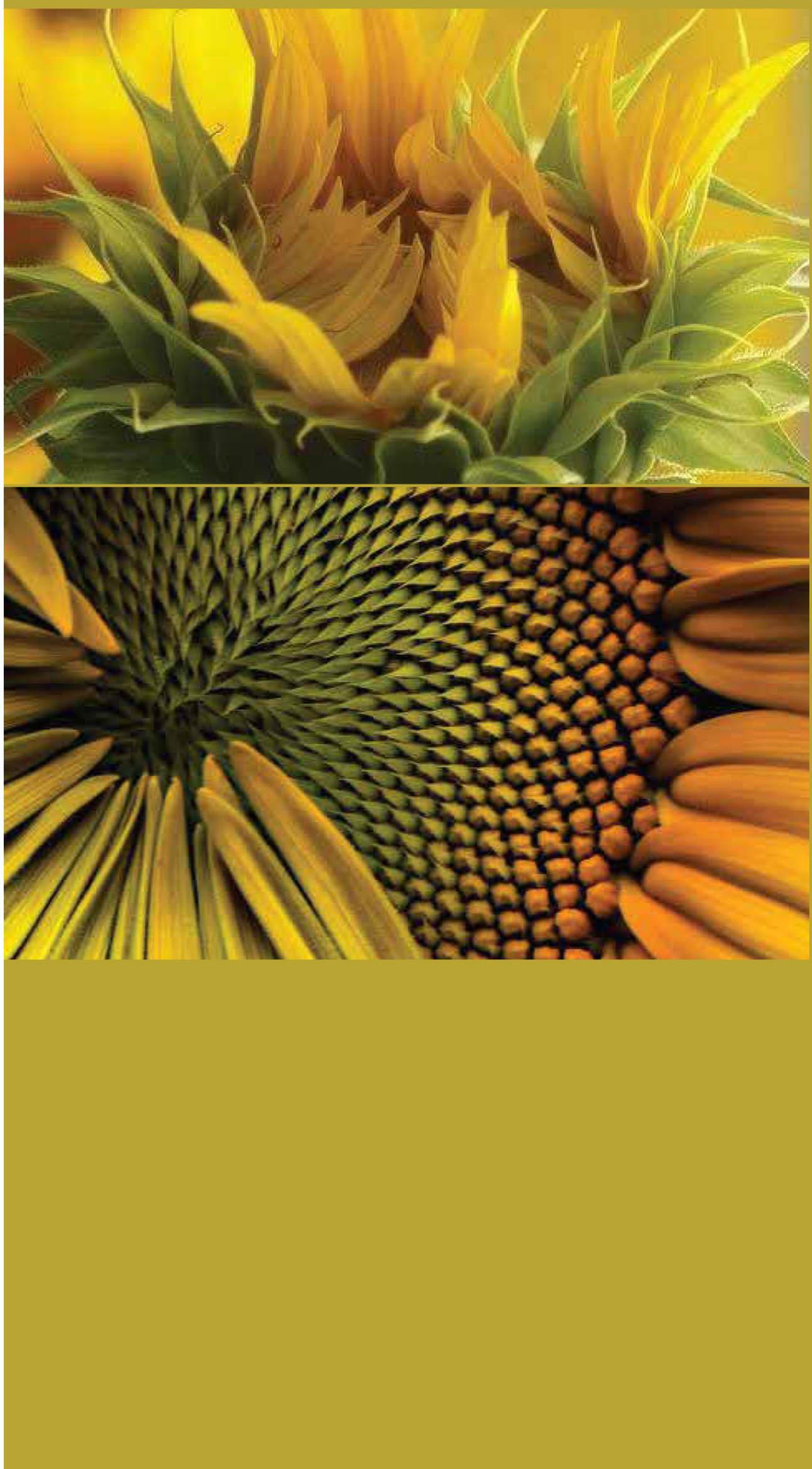
BALOS 050



SALECIA 050



ARASHI 050



sunproof®

technical textile for outdoor

RANGE

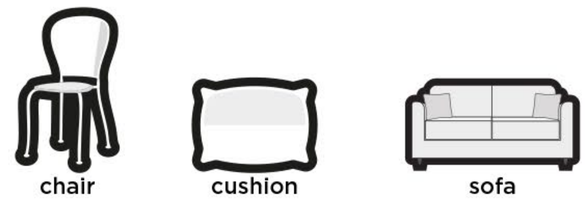
ACRYLIC
SOLUTION DYED

this range of colors displays the effects of fun, bright, and fresh on your furniture.

bright effects make your furniture look more colorful and fun.



suitable for :

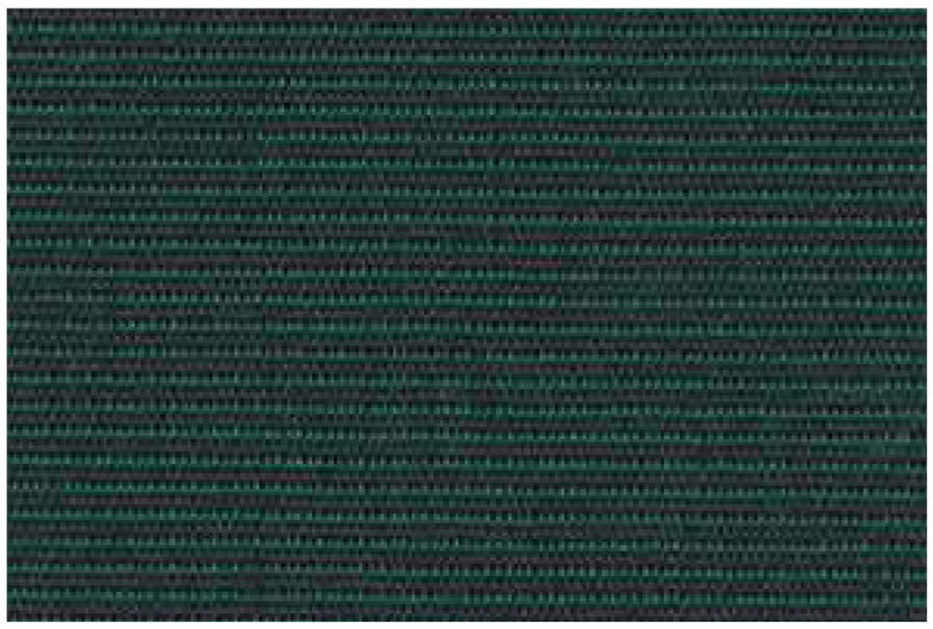




ARASHI 230

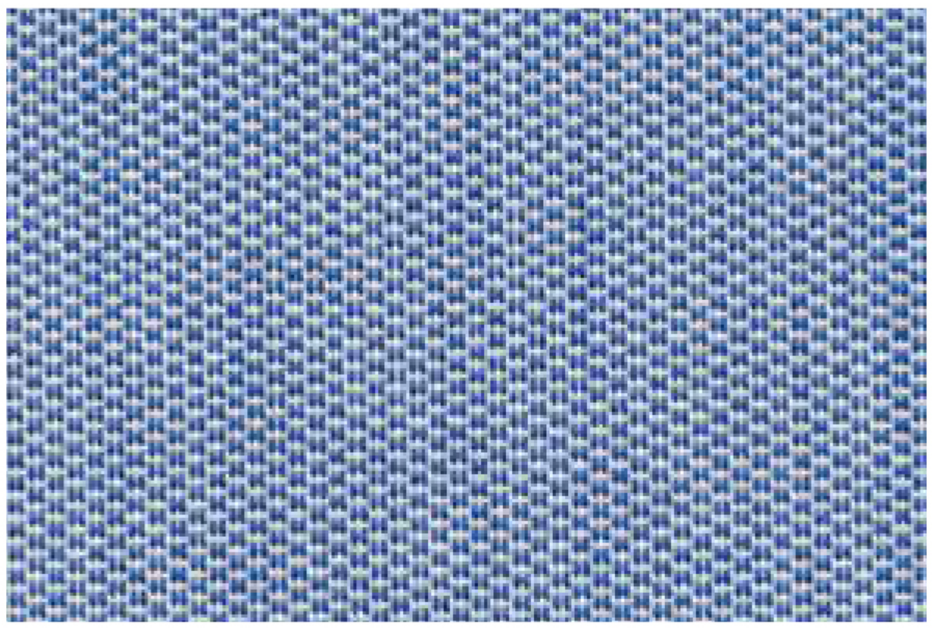


SALECIA 230

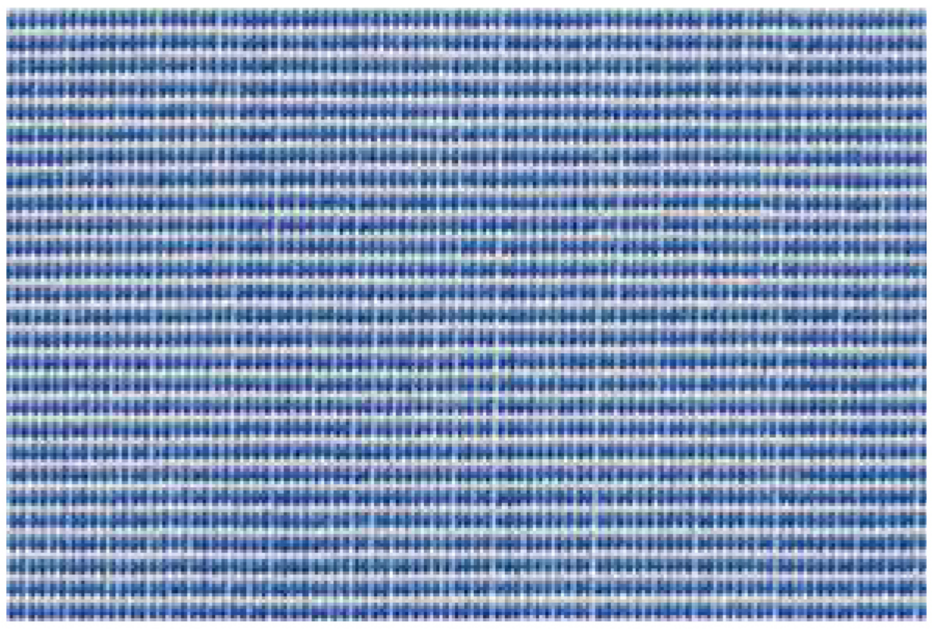


BALOS 230

BLUE



SALECIA 120



BALOS 120



ARASHI 120



sunproof®

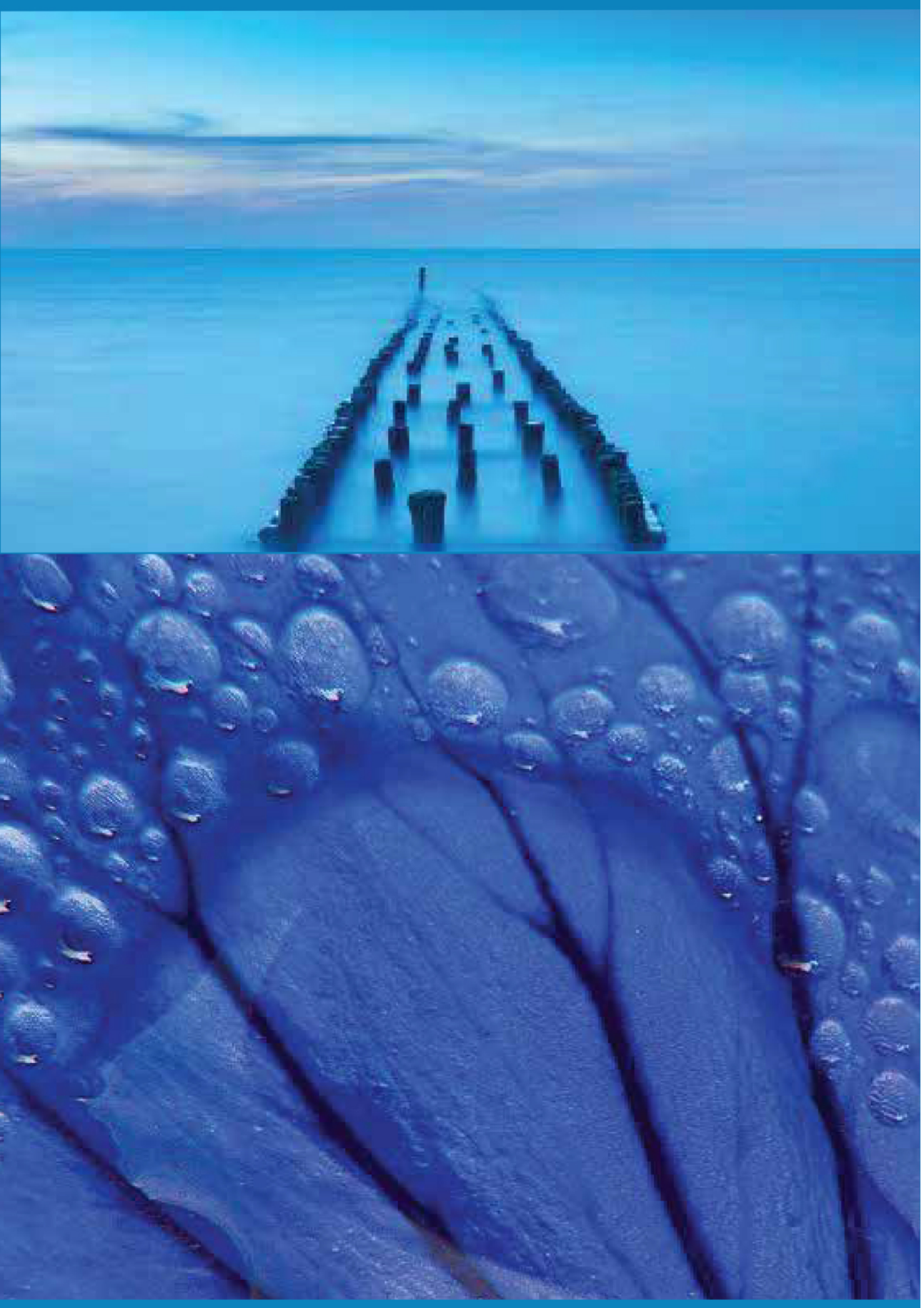
technical textile for outdoor

RANGE

ACRYLIC
SOLUTION DYED

this range of colors displays the effects of cooling and fresh on your furniture.

fresh effects make your furniture look more colorful and natural



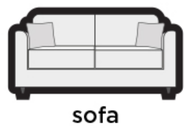
suitable for :



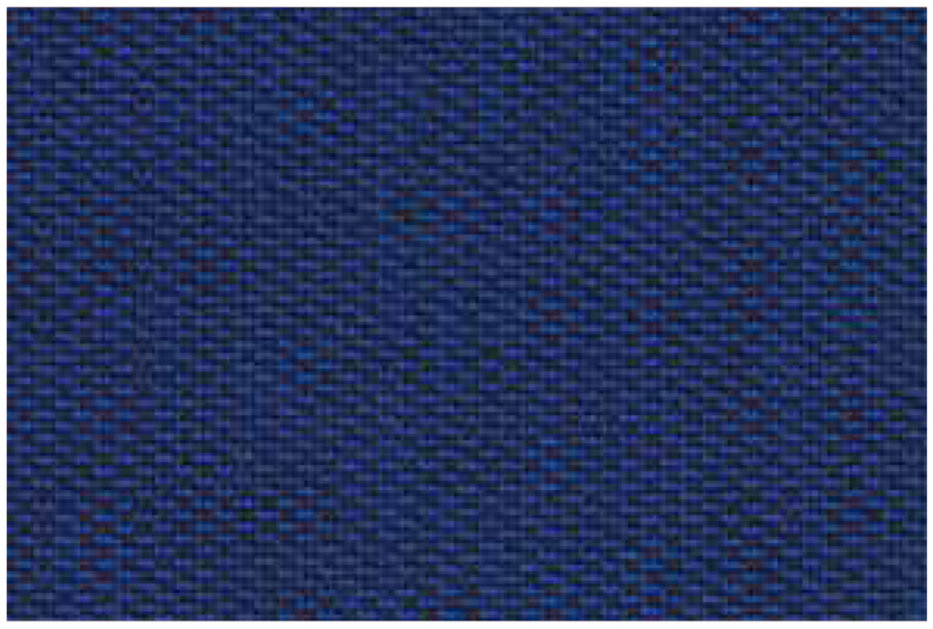
chair



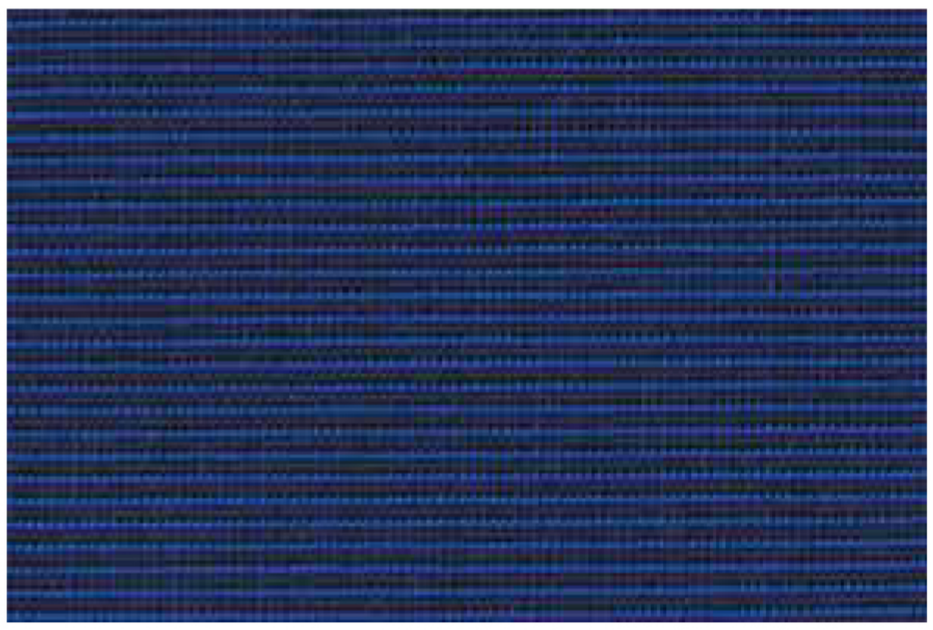
cushion



sofa



SALECIA 121



BALOS 121



ARASHI 121

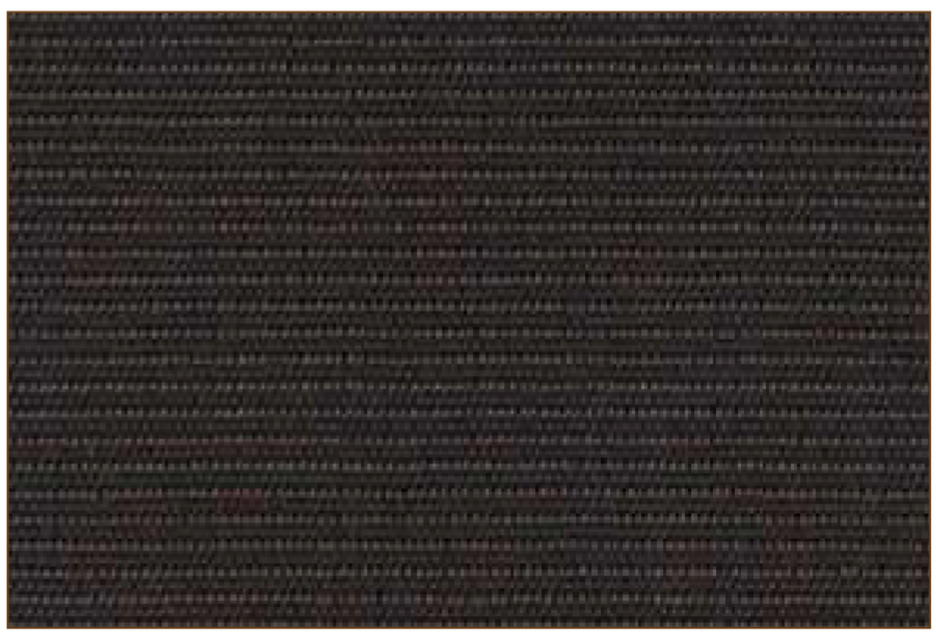
BROWN



ARASHI 082



ARASHI 080



BALOS 080



SALECIA 080



sunproof®

technical textile for outdoor

RANGE

ACRYLIC
SOLUTION DYED

this range of colors displays the effects of comfort and warmth on your furniture.

natural effects make your furniture look more simple and modern

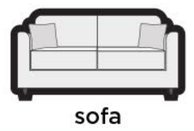
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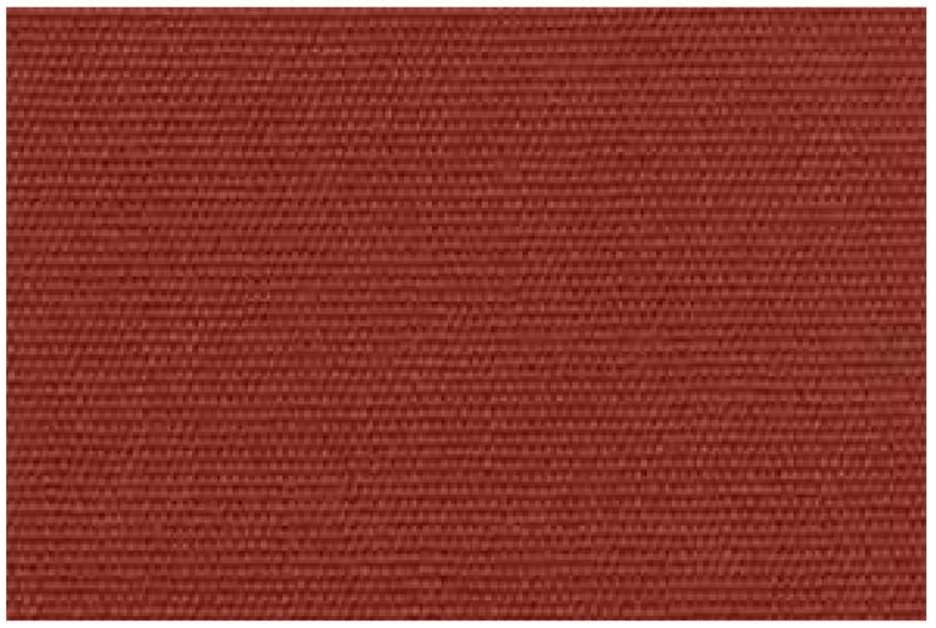
chair



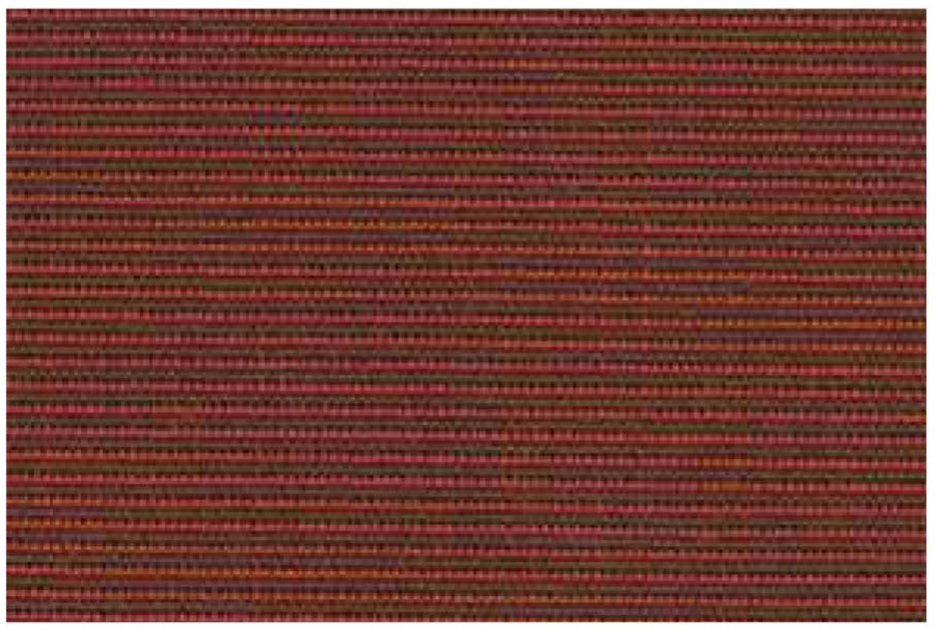
cushion



sofa



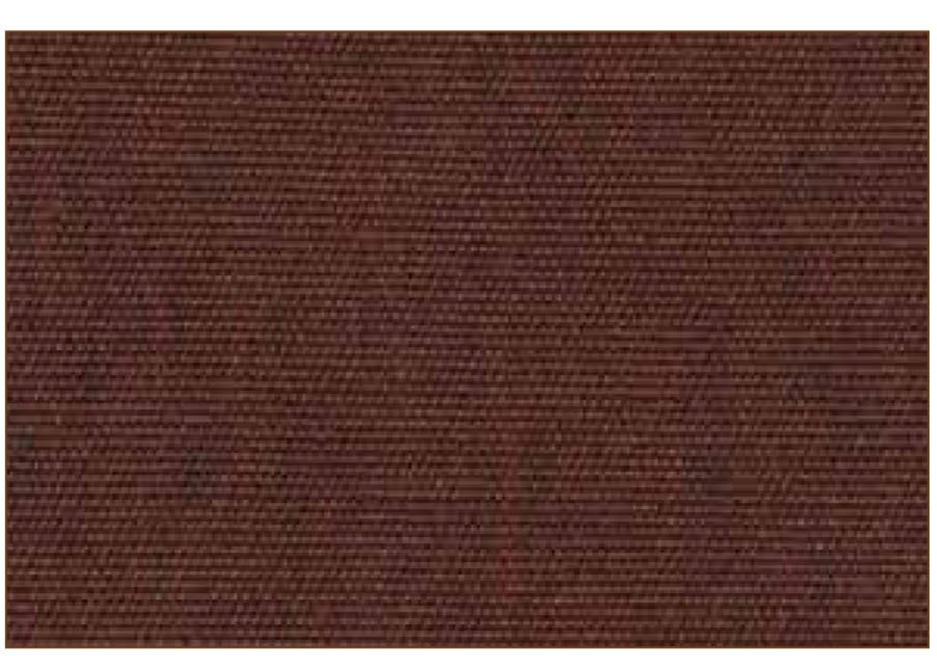
ARASHI 200



BALOS 200

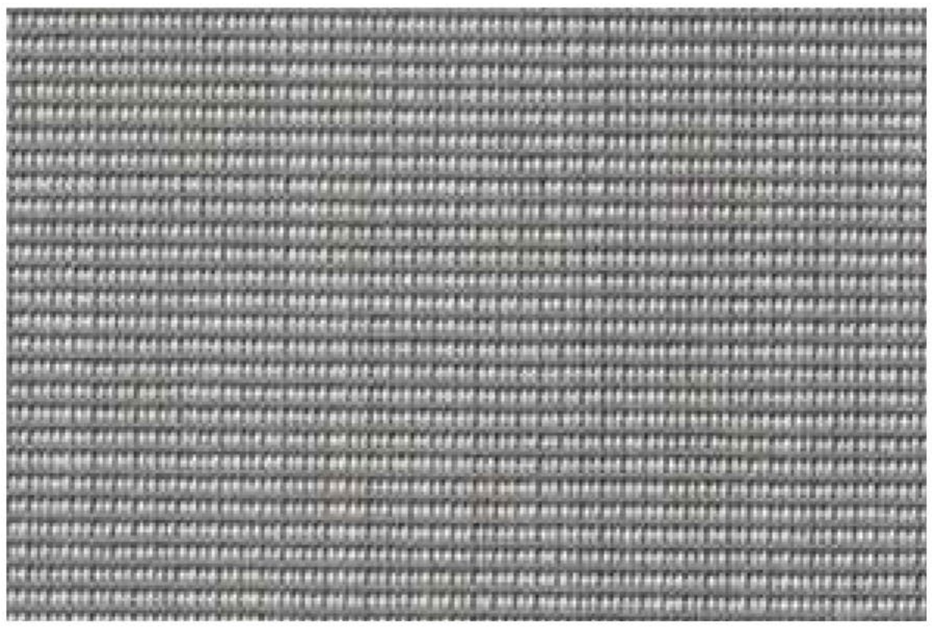


SALECIA 200

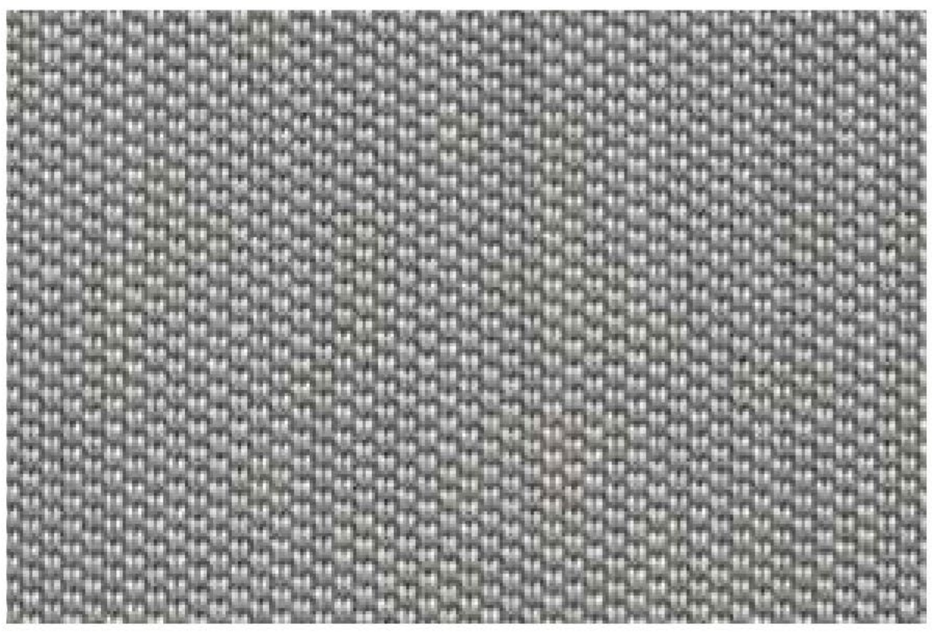


ARASHI 081

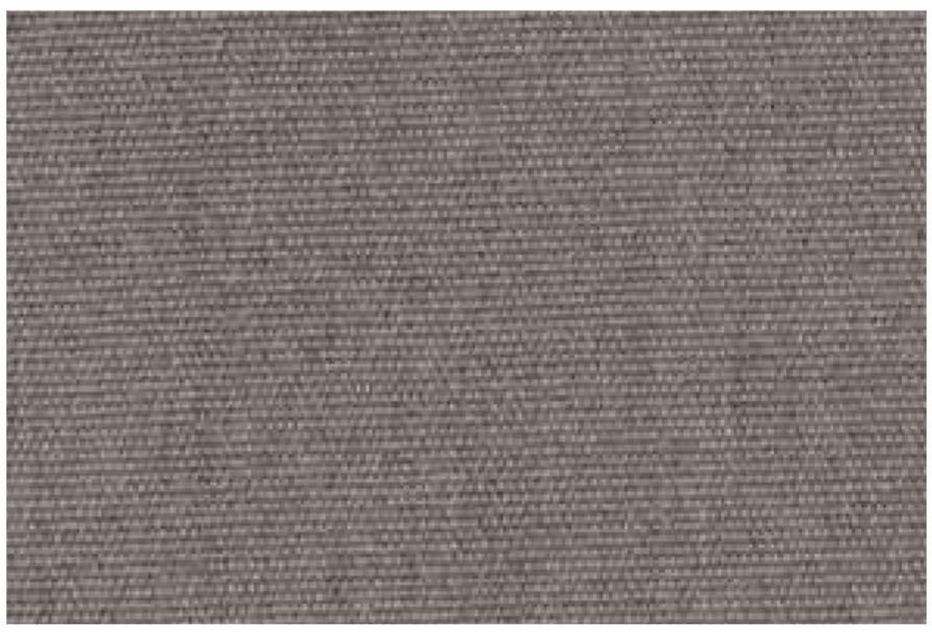
ARASHI 130



BALOS 160



SALECIA 160



ARASHI 180

MONOCHROME

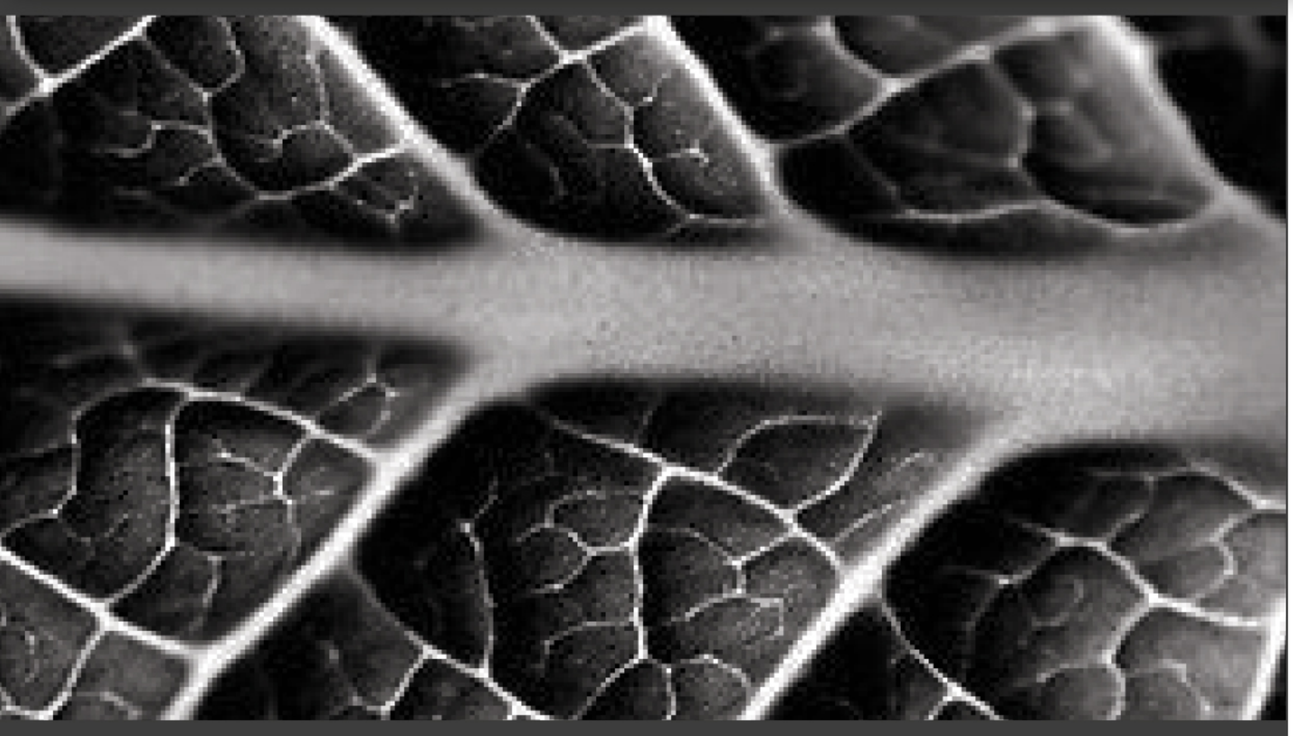




ARASHI 160



RANGE





ARASHI 090

this range of colors displays the effects of simplify and elegance on your furniture.

monochrome effects make your furniture look more simple and modern

sunproof®

technical textile for outdoor

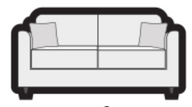
suitable for :



chair



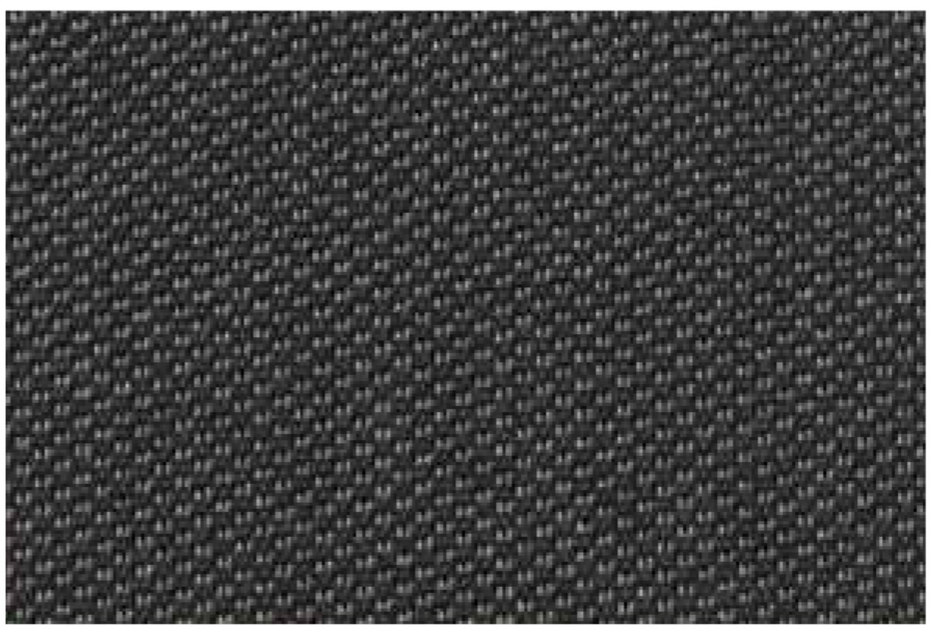
cushion



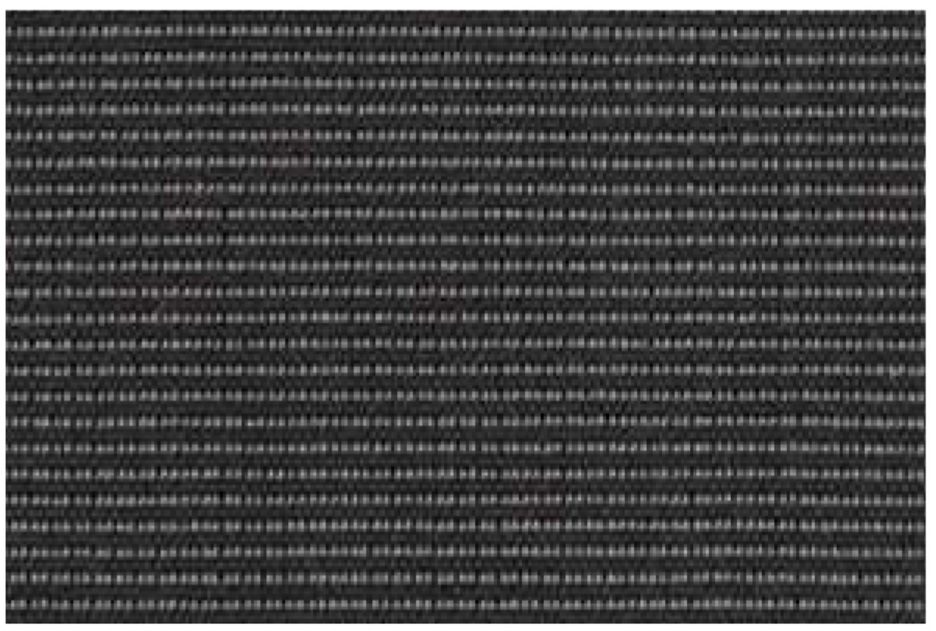
sofa



ARASHI 167



SALECIA 090



BALOS 090

ARASHI 095

FOR AWNING

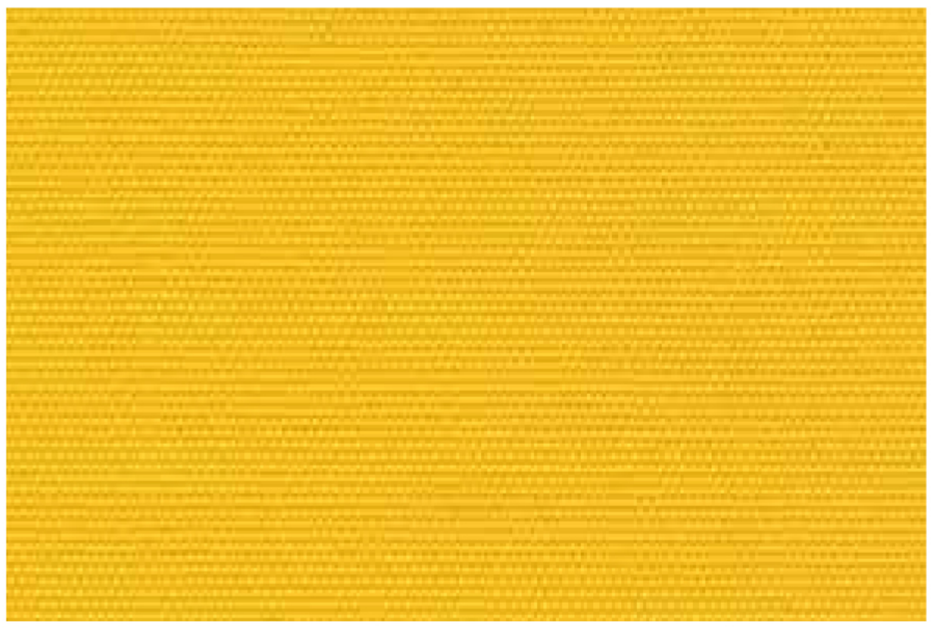
suitable for :

awning

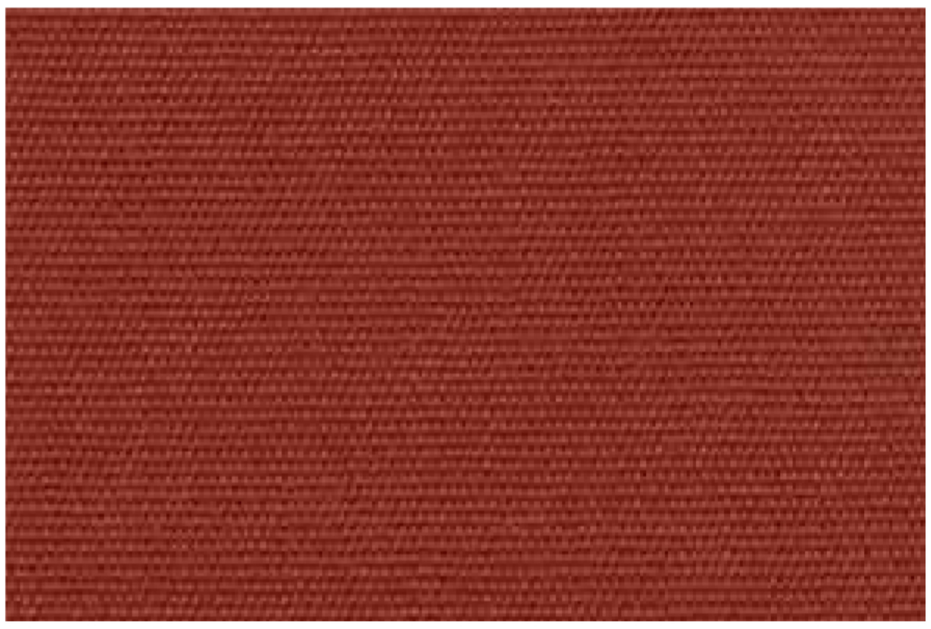
ARASHI#T/WP 130



ARASHI#T/WP 230



ARASHI#T/WP 050



ARASHI#T/WP 200



ARASHI#T/WP 120



ARASHI#T/WP 081



ARASHI#T/WP 121

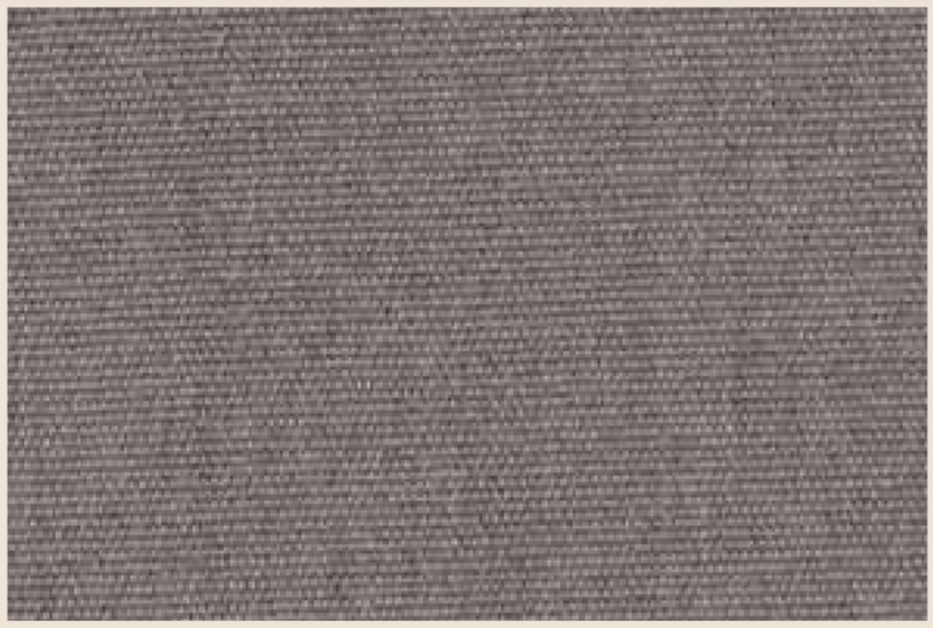


ARASHI#T/WP 080

FOR AWNING

suitable for :

awning

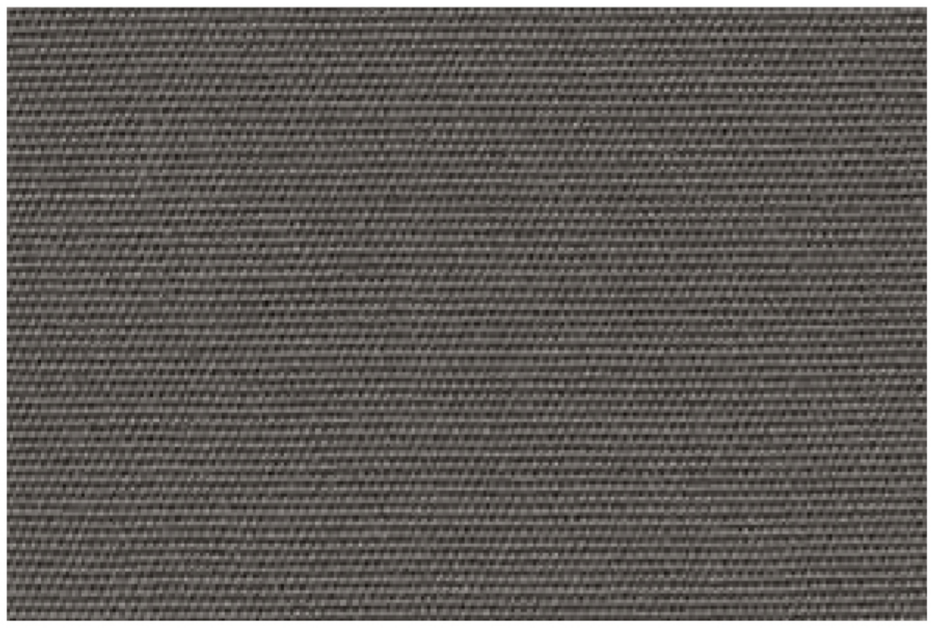


ARASHI#T/WP 180



ARASHI#T/WP 082

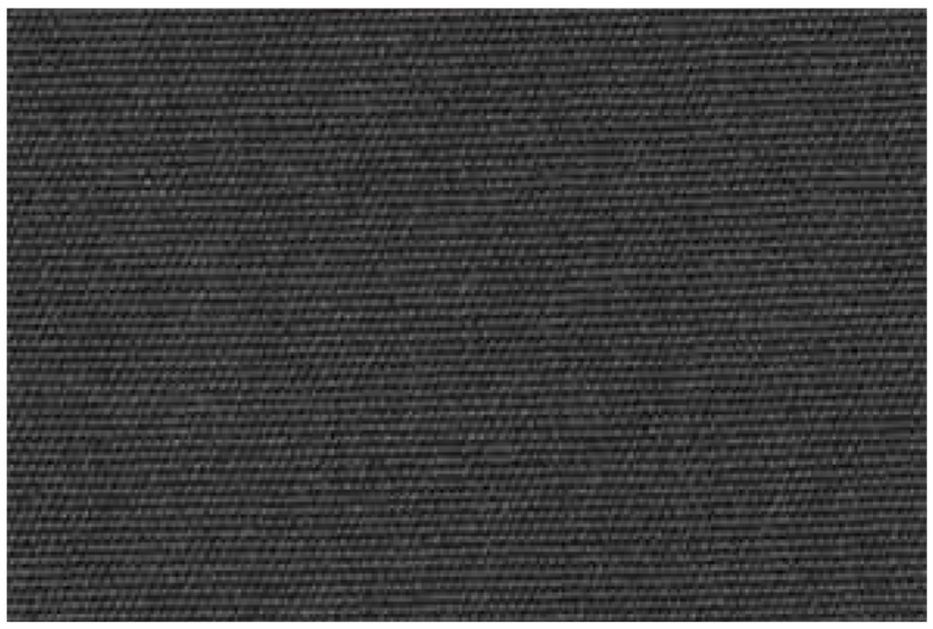




ARASHI#T/WP 160



ARASHI#T/WP 167



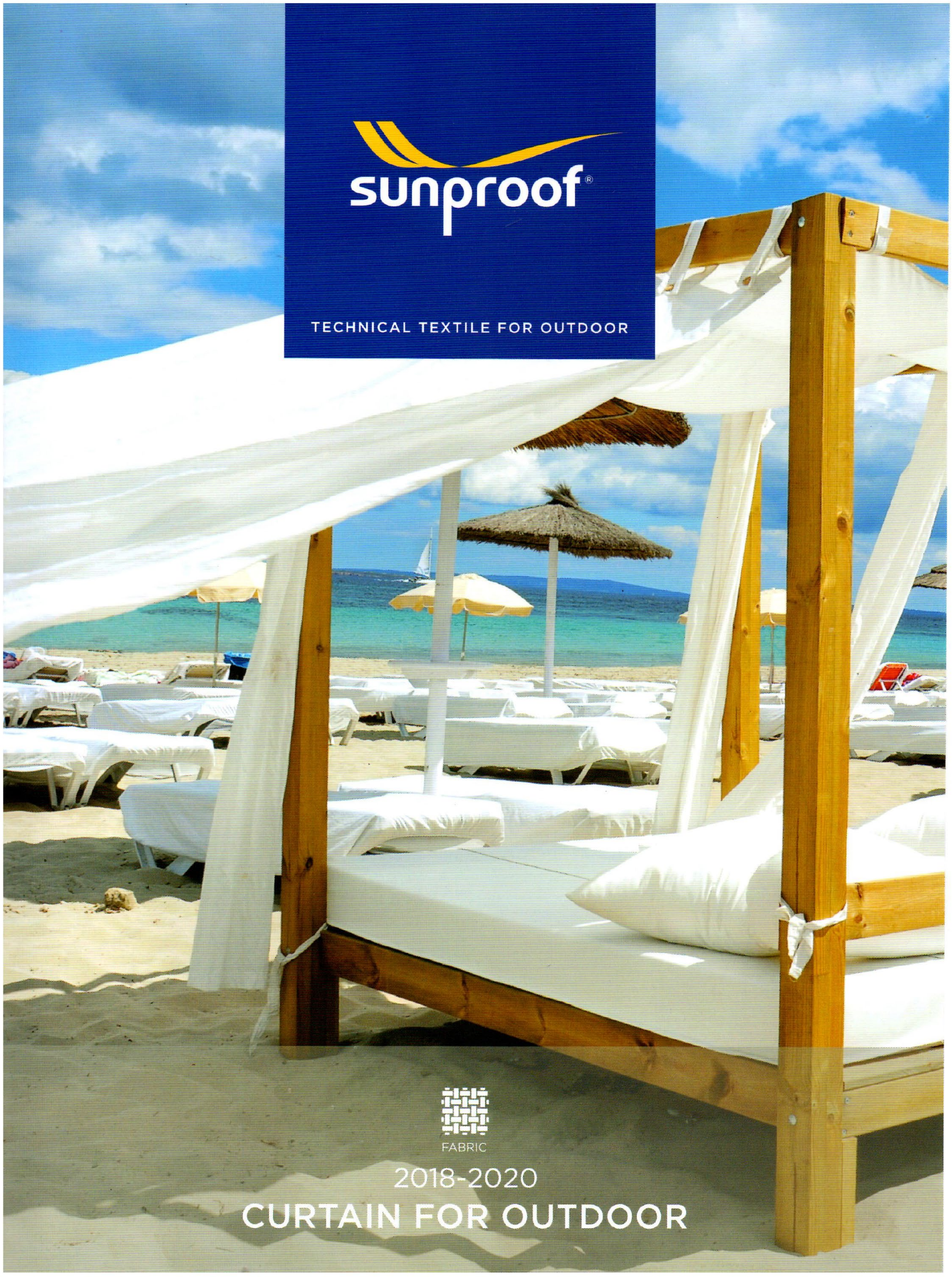
ARASHI#T/WP 095



ARASHI#T/WP 090

sunproof®

TECHNICAL TEXTILE FOR OUTDOOR



FABRIC

2018-2020

CURTAIN FOR OUTDOOR

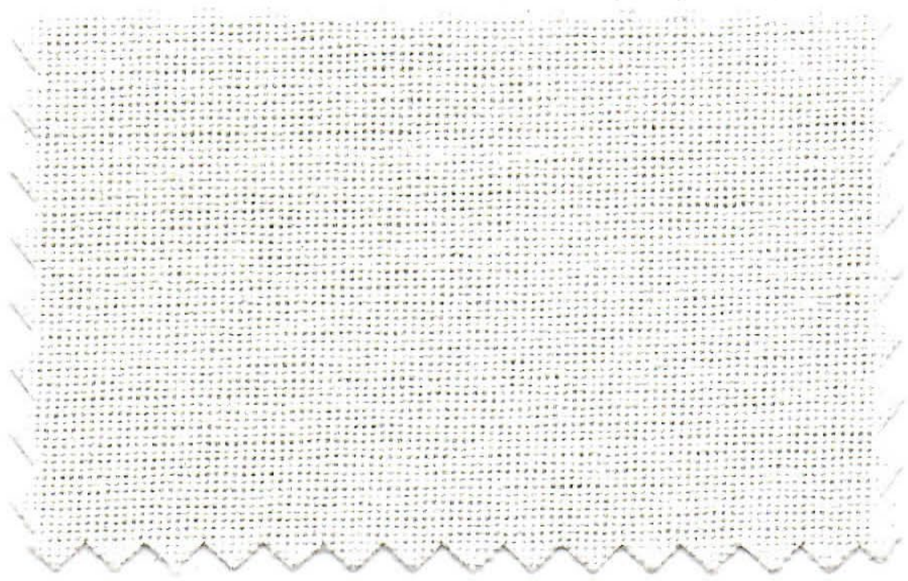
DIODES



COMPOSITION : 66% POLYESTER, 34% OLEFIN

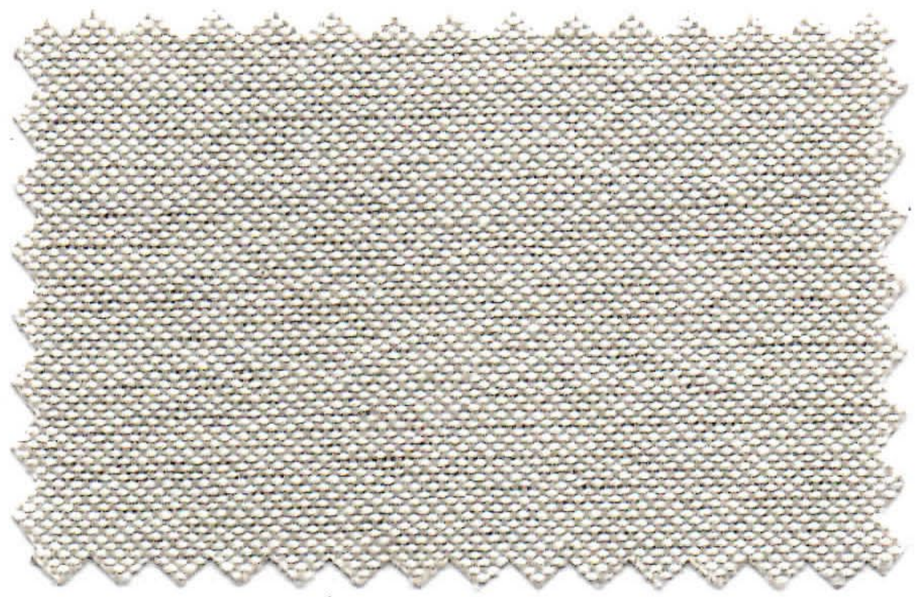
WIDTH : 300 cm

WEIGHT : 152 gr/m2



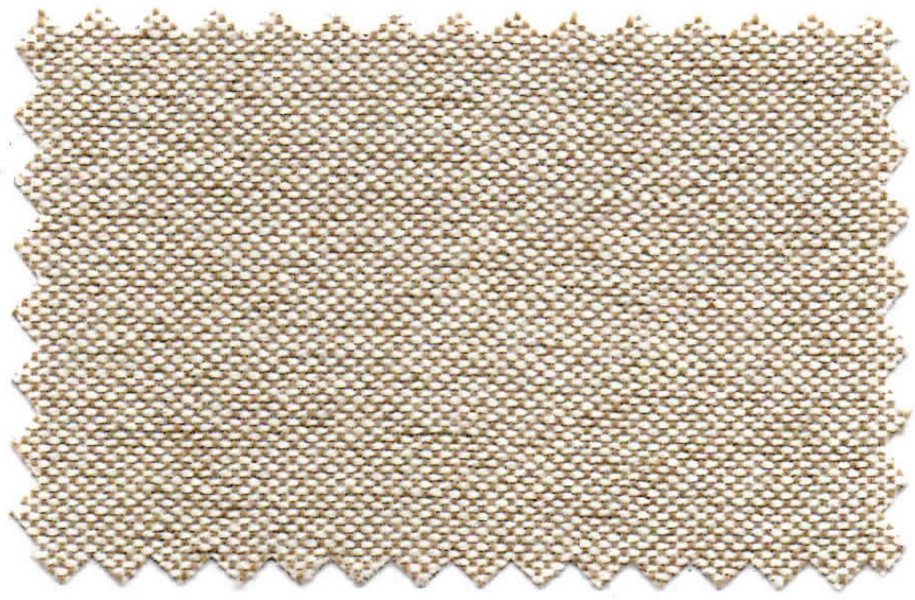
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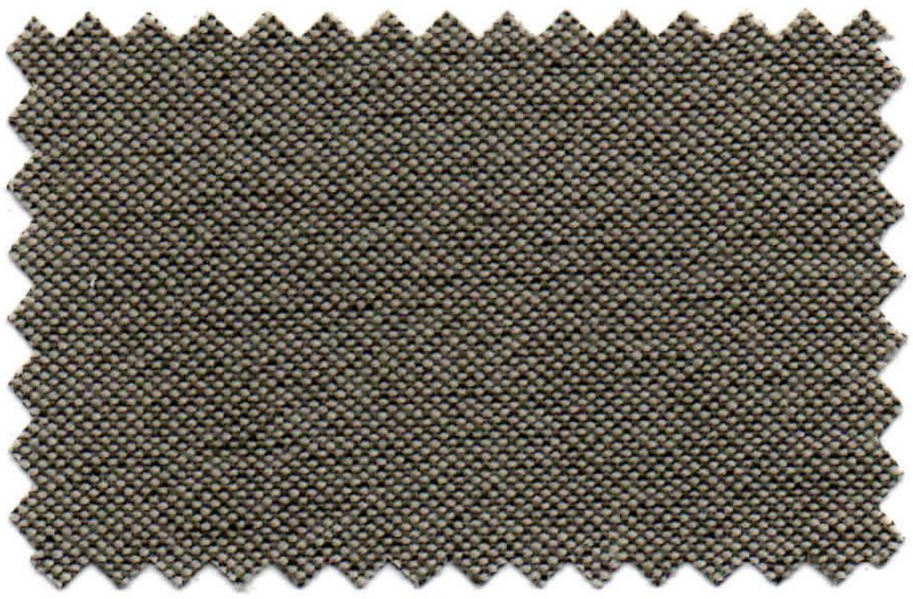


160





180



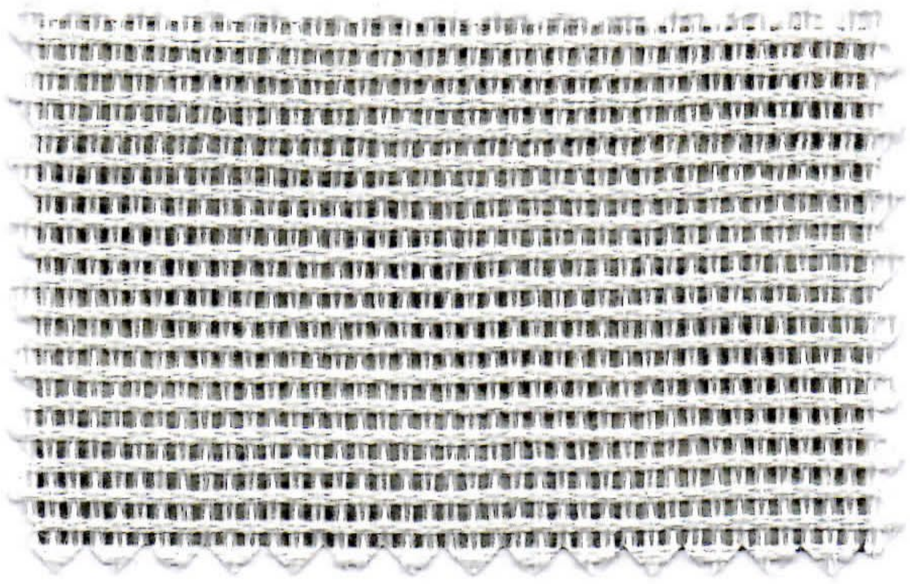
095

SIENA

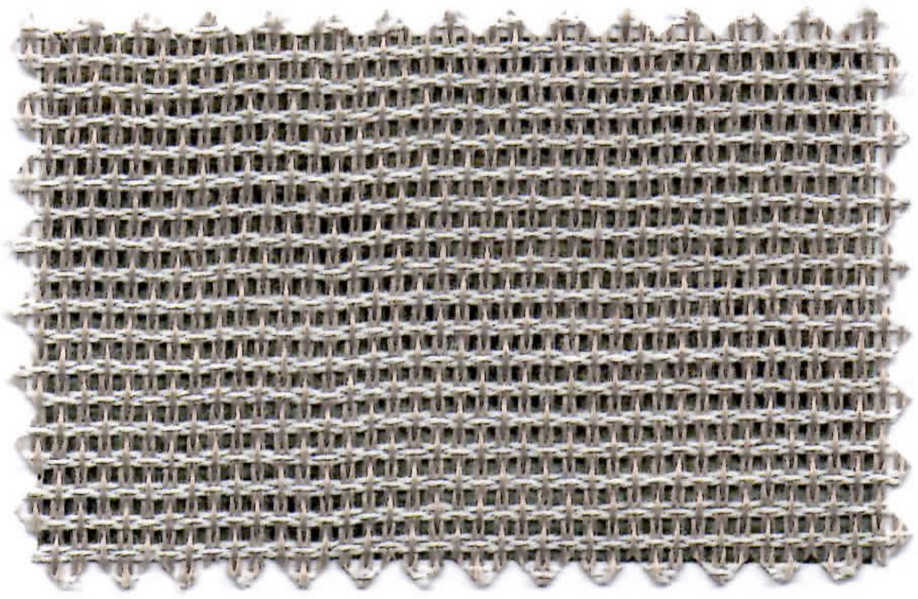
COMPOSITION : 22% POLYESTER, 78% OLEFIN

WIDTH : 300 cm

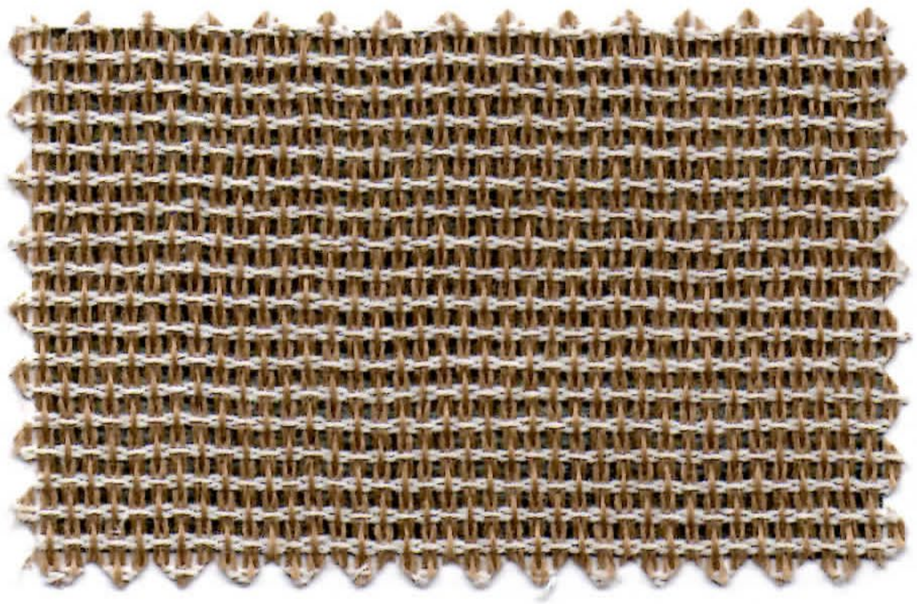
WEIGHT : 115 gr/m2



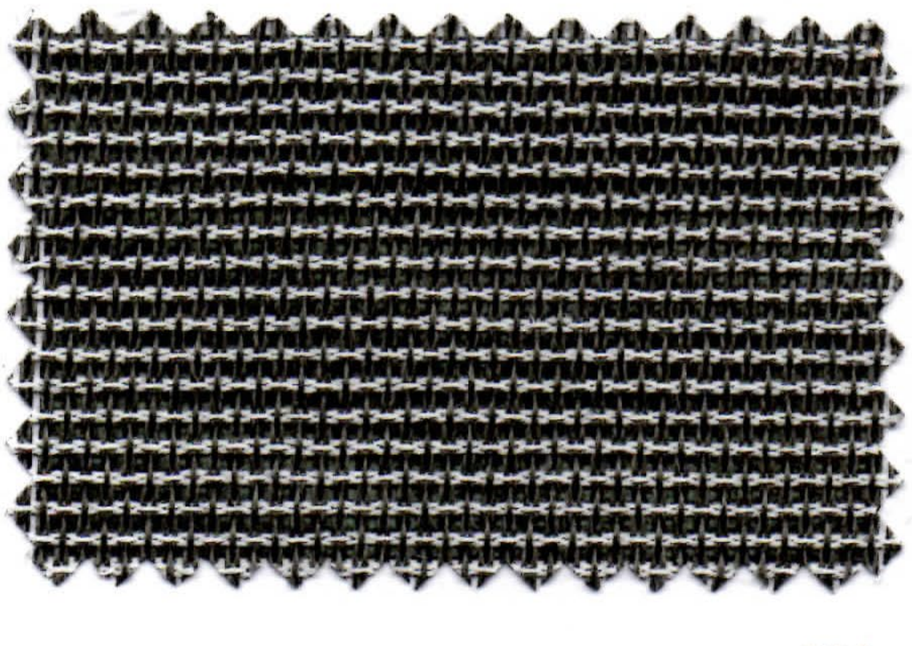
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160



180



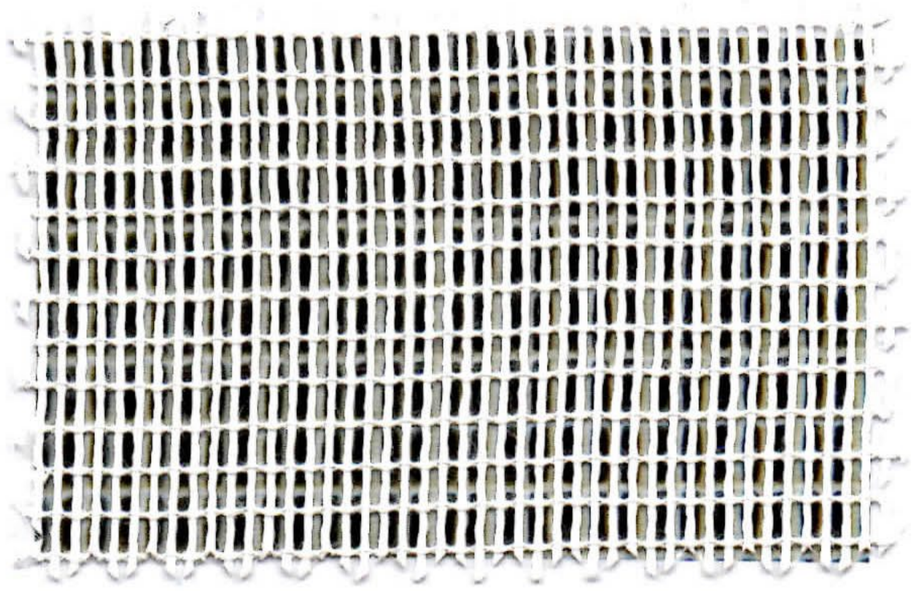
090

EL0005

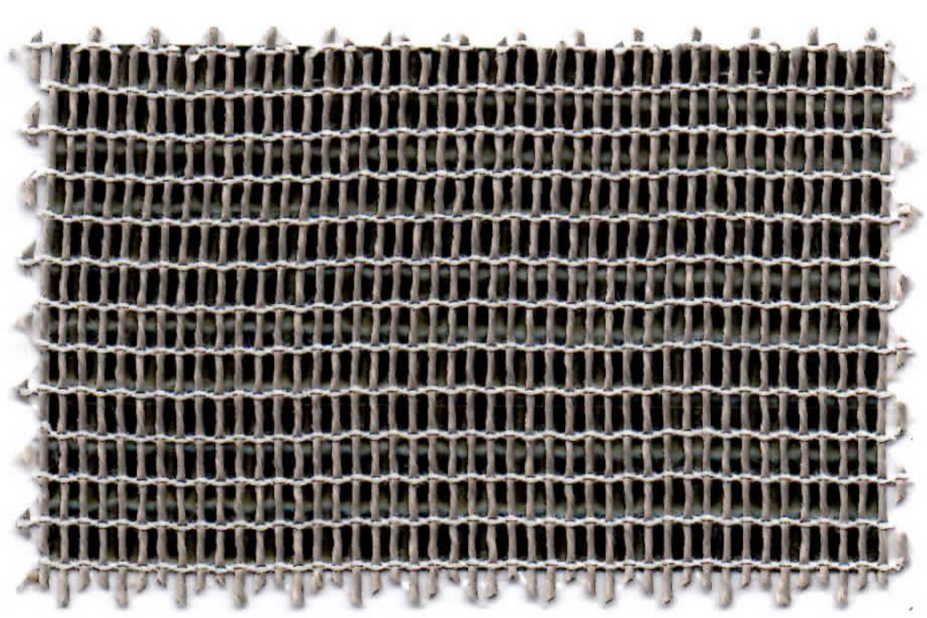
COMPOSITION : 22% POLYESTER, 78% OLEFIN

WIDTH : 300 cm

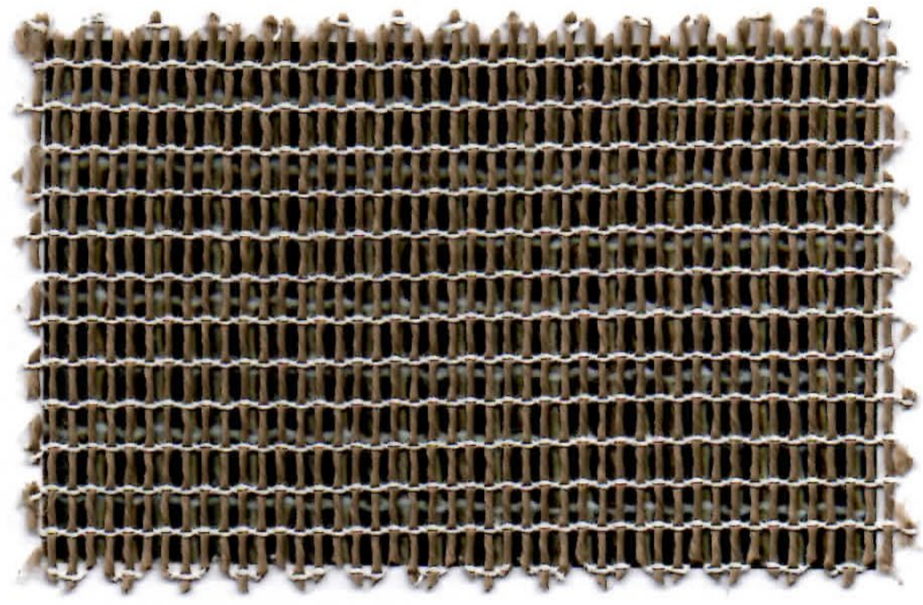
WEIGHT : 130 gr/m2



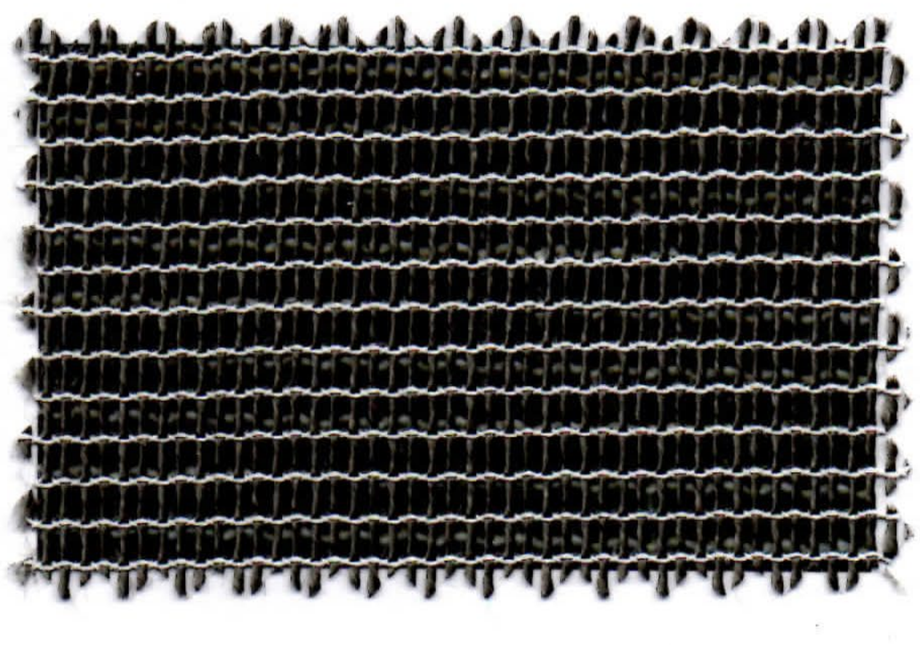
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160

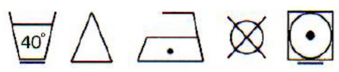


180



090

Technical Data

DESCRIPTION	TEST STANDARD	DIODES	SIENNA	EL0005
Dimensional Stability to Washing	ISO 6330			
	Warp	-0.5%	-1%	-0.5%
	Weft	-0.5%	-0.5%	-0.5%
Tensile Strength	(ASTM D2261) - Tongue Test			
	Warp	12 N	106 N	11 N
	Weft	6 N	77 N	10 N
Tear Strength	(ASTM D5035) - Strip Test			
	Warp	76 N	527 N	22 N
	Weft	34 N	342 N	83 N
Water Repellency - Spray Test	(AATC Test Method 22 - 2005)		70	
Weatherability	(ASTM G53-96) - American Standard		1,500 Hours	
Color Fastness to Washing	(ISO 105-C01)			
	Color Change		4-5	
	Self Staining		4-5	
	Color Staining		4-5	
Color Fastness to Dry Cleaning	(ISO 105-D01)			
	Color Change		4-5	
	Self Staining		4-5	
	Color Staining		4-5	
Color Fastness to Rubbing	(EN ISO 105-X12)			
	Dry Rubbing		Pass	
	Wet Rubbing		Pass	
Color Fastness to Artificial Weathering	(BS EN ISO 105 - B04)		8	
Anti Mildew	(AATC 147:2011 & 30:2004)		Pass	
Care Instruction				

Stock may vary from sample in color & texture

In spite of excellent properties, yarns has a certain level of durability (depends on climate and proper use of fabric)

The technical specification shown here are based on the best current available and average results from laboratory testing with a +/- 5% tolerance and provided as a source of information only and do not constitute any agreement concerning the good's warranty and refers to the goods supplied in original state without any processing done by the customer. The data above are entitled to be modified due to technical progress without prior notice and the customer is fully responsible to check the validity of the above data to prior use.

The specification suggested here does not guarantee the particular application of the customer and it requires the customer to conduct their own comprehensive test concerning suitability of the material for its intended application.

sunproof®

TECHNICAL TEXTILE FOR OUTDOOR
www.sunproof.co.id

produced by:
ATEJA®

soil & stain Release

repellence Protection

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex Standard 100
11.22633 Shirley

Sanitized
More than clean

2018 - 2020

LIVE LIFE TO THE FULLEST

sunproof®

TECHNICAL TEXTILE FOR OUTDOOR

SUNPROOF ATEJA PREMIUM

Sunproof is Ateja premium quality of outdoor fabric which provides the exclusive solution for your comfort. It is produced with a series of technical data proving the high performance of the fabric against the natural weather (rain or shine) according to ASTM G53 - 96, American Standard.

All SUNPROOF FABRICS HAVE PASSED THE STRINGENT TESTS ACCORDING TO BRITISH STANDARD AND OTHER INTERNATIONAL STANDARDS :

Color fastness to artificial weathering, color fastness to rubbing, color fastness to chlorinated pool water, color fastness to sea water, water repellency, soil & stain repellency, anti bacterial, anti mildew and UV resistance.

SUNPROOF IS OEKO-TEX CERTIFIED AND 100% RECYCLABLE
As a proof of our commitment to the environment, all our manufacturing facilities have been certified for their environmental - friendly quality - ISO 14001.

THEREFORE, AS A COMPANY THAT CARES FOR THE ENVIRONMENT AND PRODUCES RELIABLE QUALITY OUTDOOR FABRICS, OUR PRODUCTS HAVE BEEN DISTRIBUTED WORLD WIDE.
CURRENTLY, SUNPROOF HAS BEEN TRUSTED AS A QUALITY OUTDOOR IN AUSTRALIA, BELGIUM, CANADA, FRANCE, GERMANY, ITALY, MEXICO, NETHERLAND, NEW ZEALAND, NORWAY, SPAIN, SWEDEN, SWITZERLAND, UNITED KINGDOM, UNITED STATES OF AMERICA, JUST TO NAME A FEW. SUNPROOF PROVIDES YOU EXCELLENT CHOICE FOR VALUE, DURABILITY AND COMFORT.

CONTENT

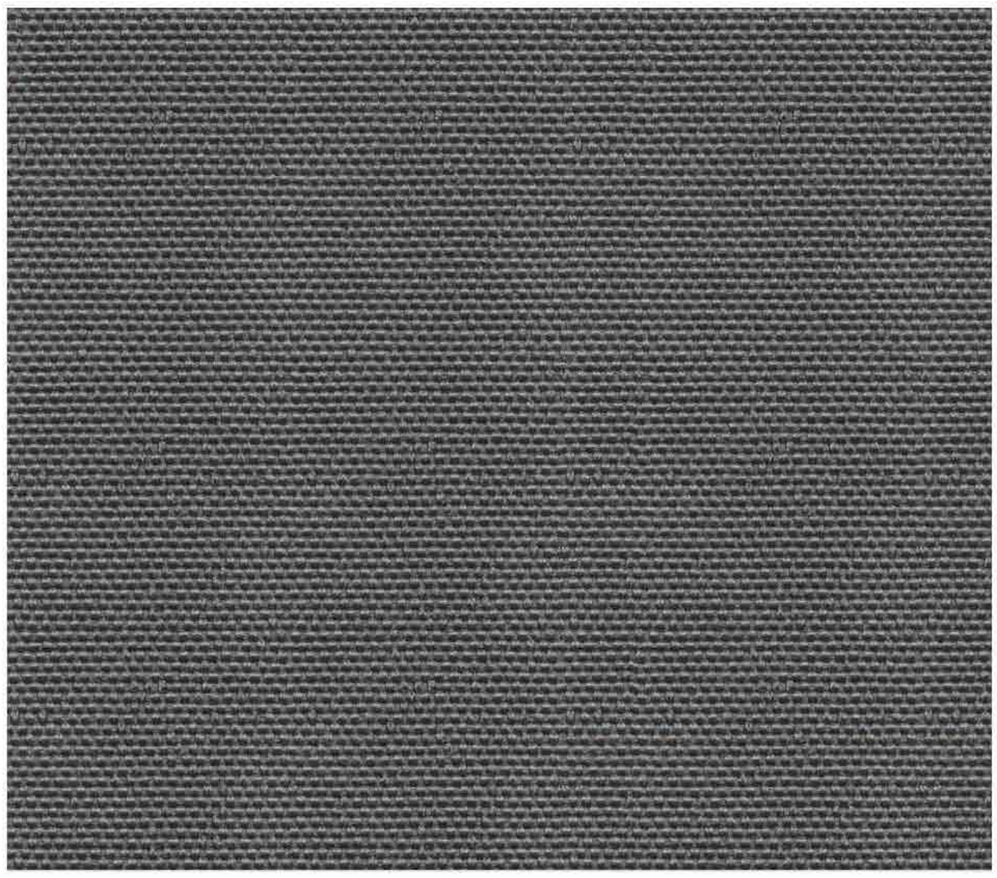
PLAIN & TEXTURE

CARTENZA
CARTENZA#NK
STINSON
STINSONNAVI
WIFERA
COPACOBANA
GRACEBAY
LANIKAI
VINICIO
PALOLEM
SOUTHEND
BRITANNIA
PRAIA
KITSILANO
BARRANCO
FONTELINA
VENAO
PALLAZO

PATTERN

ALBENA
BRAY
CURIOSITY
NEWKOBLENZ
NATADOLA
NEGRIL#R
PINAMAR
LAPUNTA
RONDINARA
KAPUTAS
CORONADO
LAYTOWN

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGHT : 238 gr/m²
ABRASION (Rubs) : 12.000 (BS EN 14465 Annex A)



CARTENZA

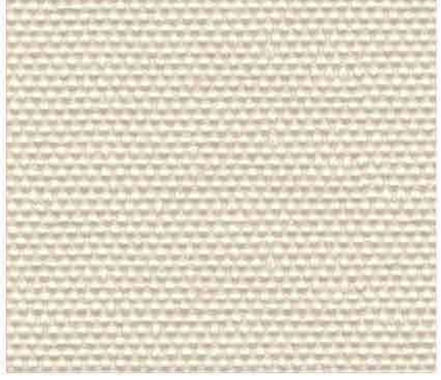
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CARTENZA 131



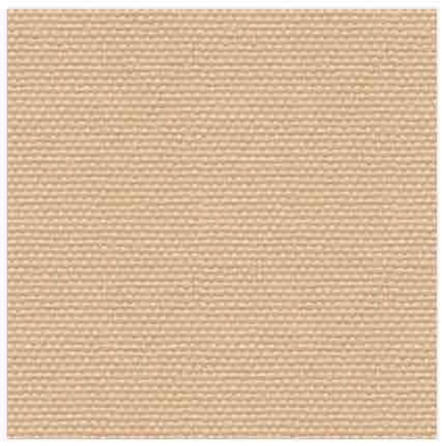
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CARTENZA 144



CARTENZA 140



CARTENZA 142



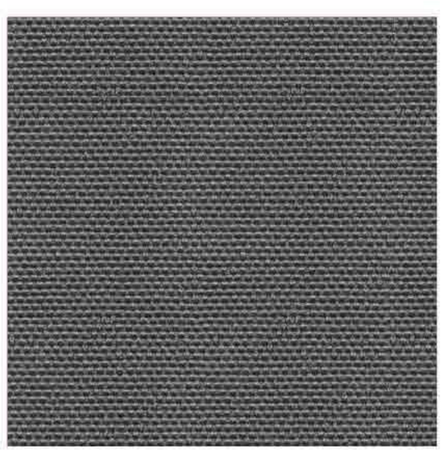
CARTENZA 164



CARTENZA 165



CARTENZA 161



CARTENZA 163



CARTENZA 167



CARTENZA 090



CARTENZA 180



CARTENZA 151



CARTENZA 150



CARTENZA 082



CARTENZA 182



CARTENZA 181



CARTENZA 081



CARTENZA 080



CARTENZA 050



CARTENZA 101



CARTENZA 100



CARTENZA 195



CARTENZA 190



CARTENZA 010



CARTENZA 110



CARTENZA 031



CARTENZA 030



CARTENZA 060



CARTENZA 020



CARTENZA 021



CARTENZA 225



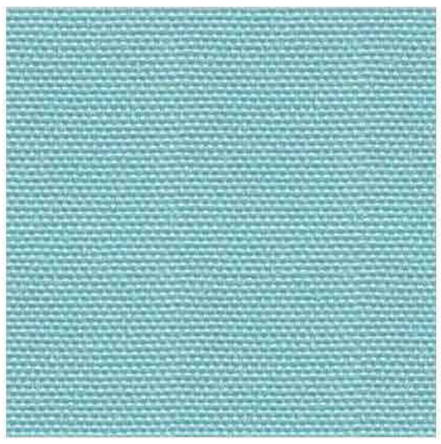
CARTENZA 070



CARTENZA 230



CARTENZA 223



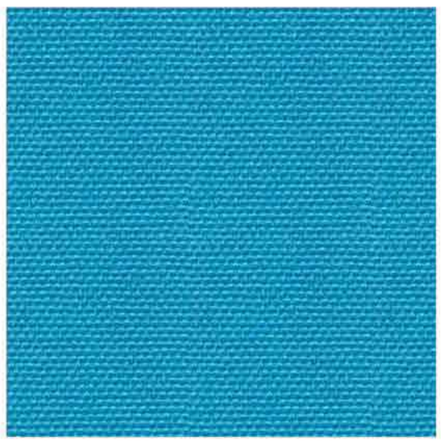
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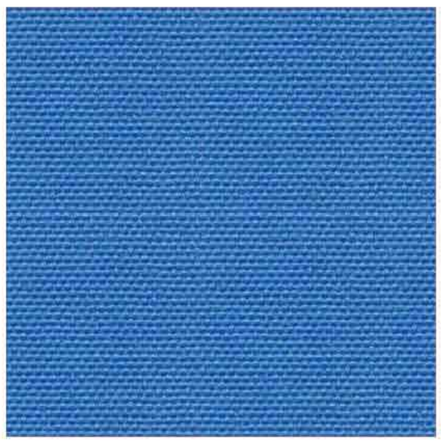
CARTENZA 042



CARTENZA 211



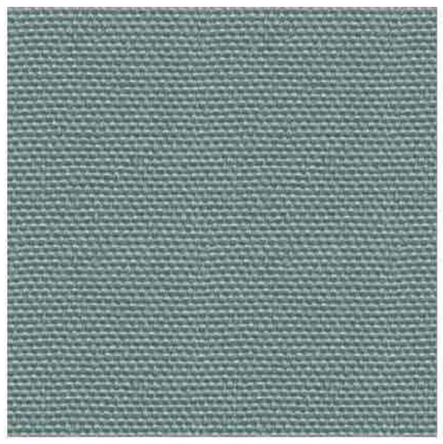
CARTENZA 210



CARTENZA 040



CARTENZA 044



CARTENZA 220



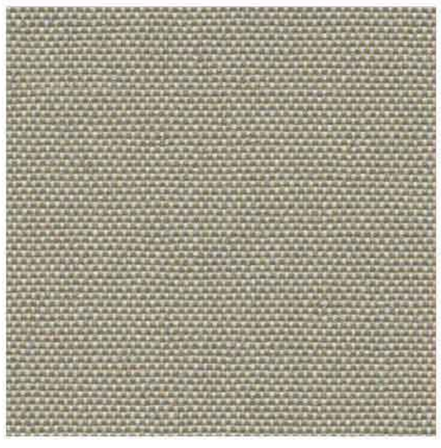
CARTENZA 122



CARTENZA 120



CARTENZA 121



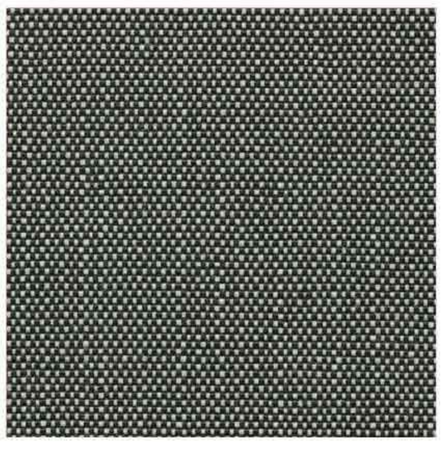
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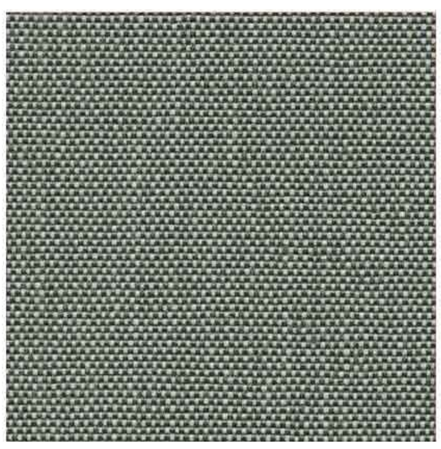
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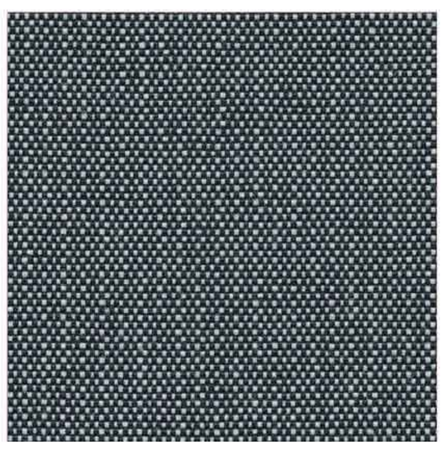
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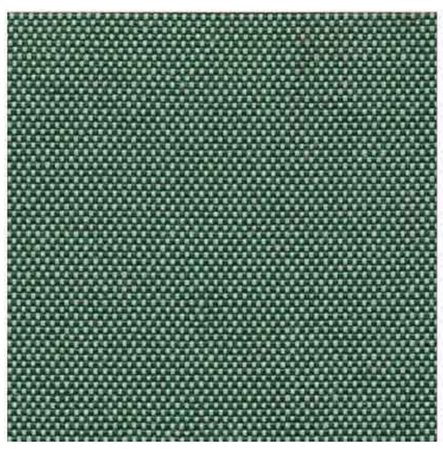
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CARTENZA#NK 163

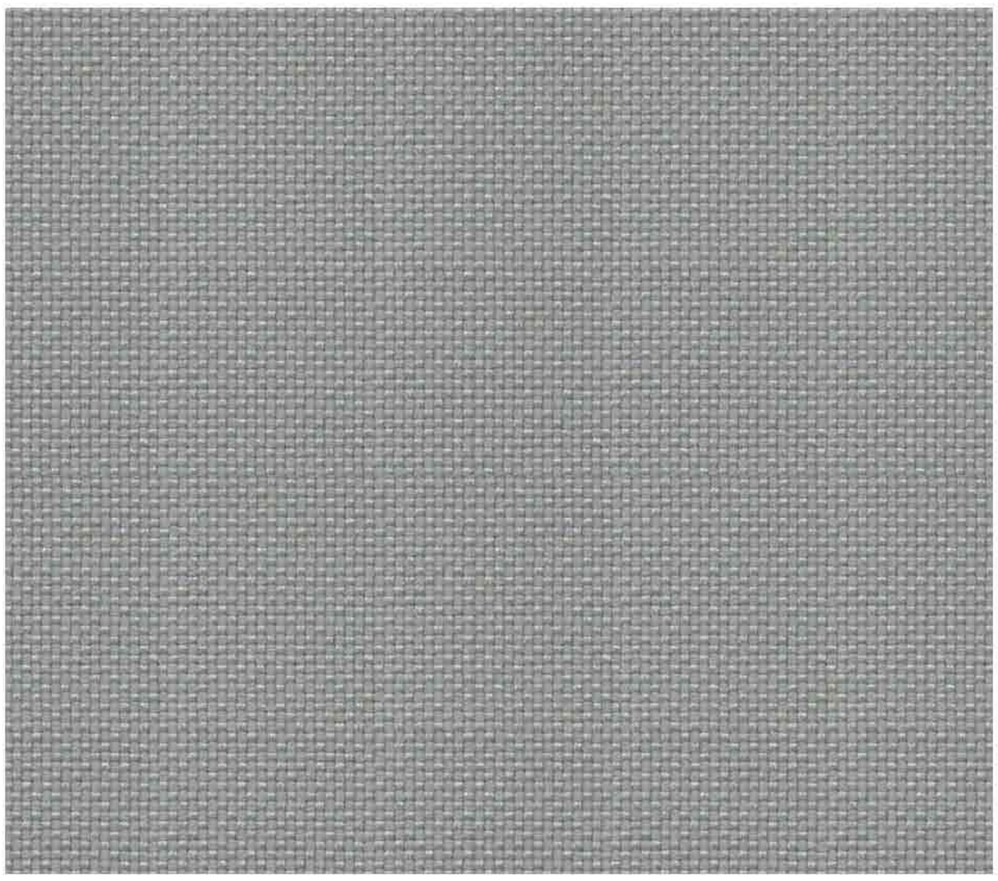


CARTENZA#NK 120



CARTENZA#NK 230

COMPOSITION : 100% Olefin
WIDTH : 140 cm
WEIGHT : 287 gr/m2
ABRASION (Rubs) : 16.000 (BS EN 14465 Annex A)

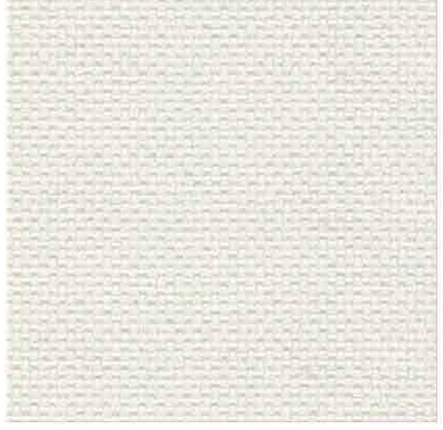


STINSON



STINSON 163

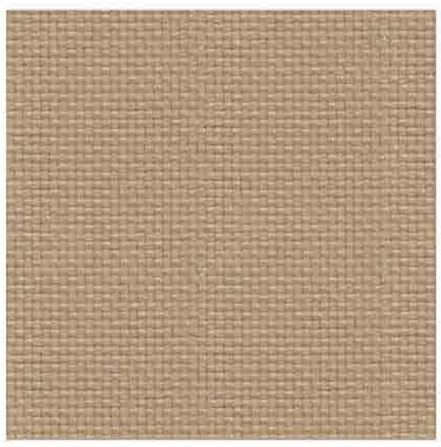
STINSON 130



STINSON 131



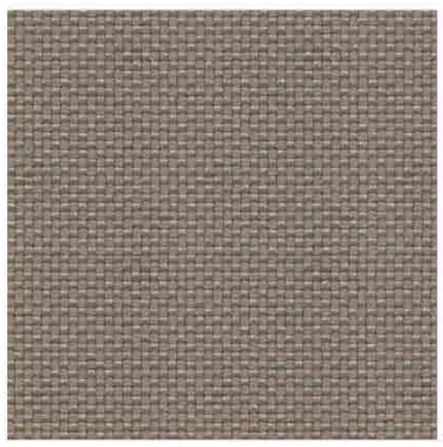
STINSON 143



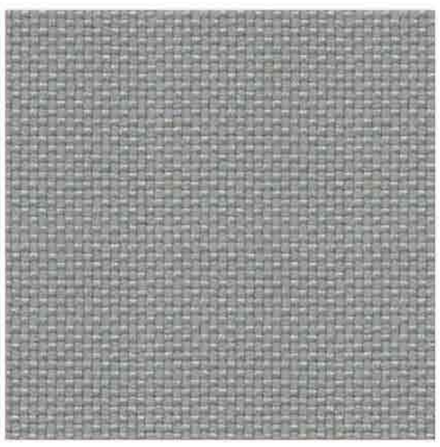
STINSON 180



STINSON 181



STINSON 161



STINSON 165



STINSON 167



STINSON 081



STINSON 080



STINSON 090



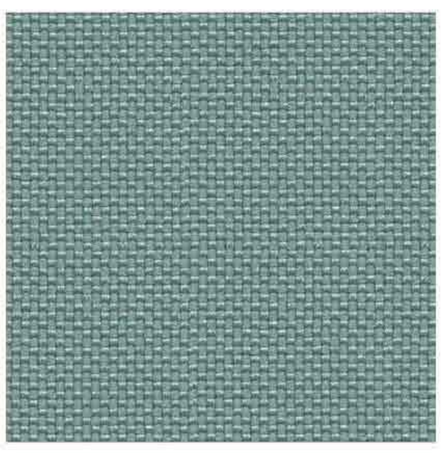
STINSON 100



STINSON 010

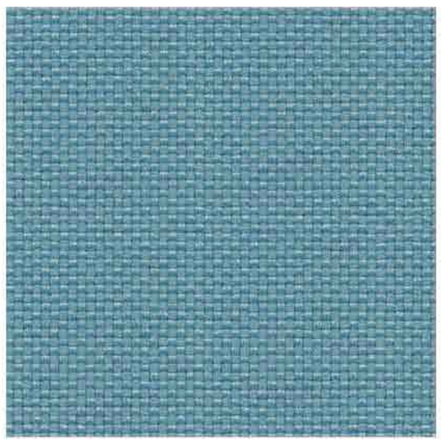


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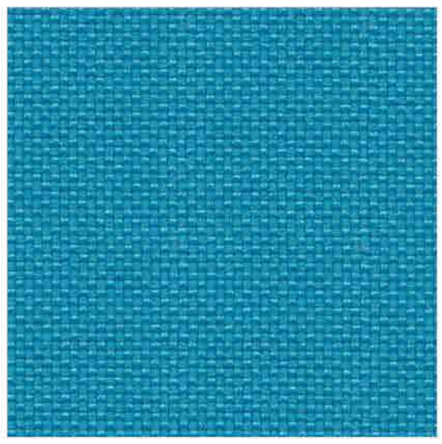


STINSON 220

SKU | SKU New Color | 500 M/ Color



STINSON 042



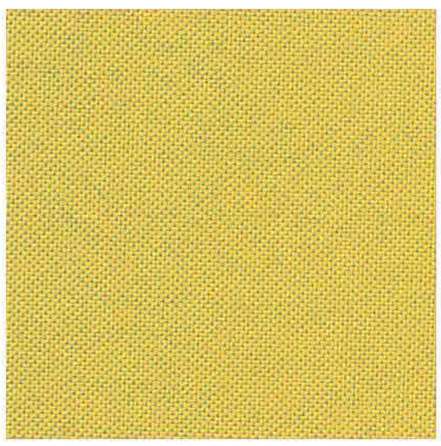
STINSON 210



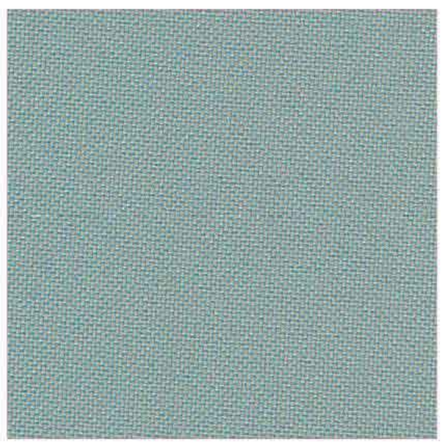
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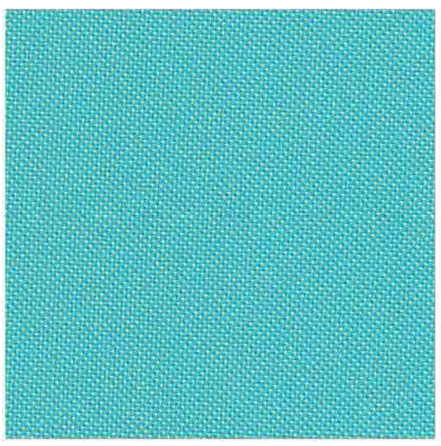
STINSON 021



STINSONNAVI 051



STINSONNAVI 165

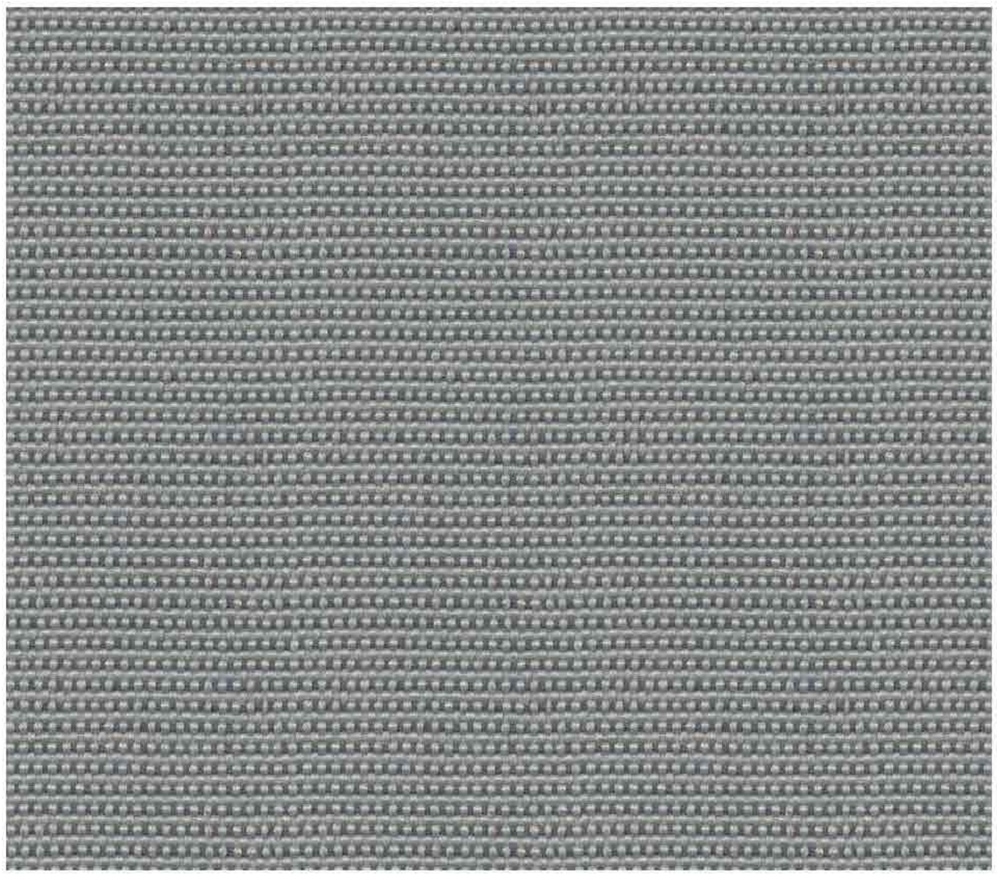


STINSONNAVI 210



STINSONNAVI 125

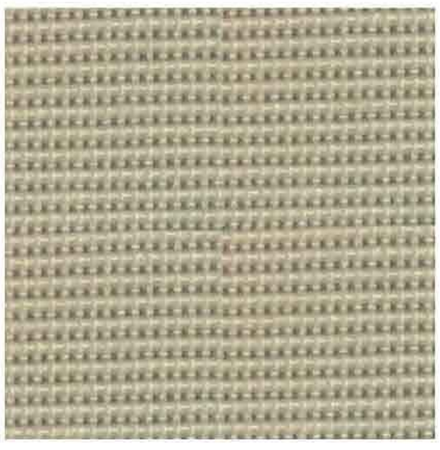
COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGH : 234 gr/m2
ABRASION (Rubs) : 10.000 (BS EN 14465 Annex A)



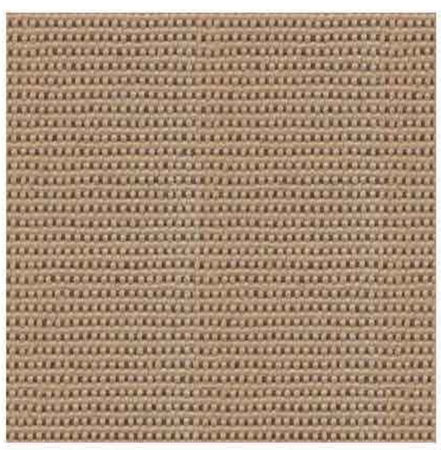
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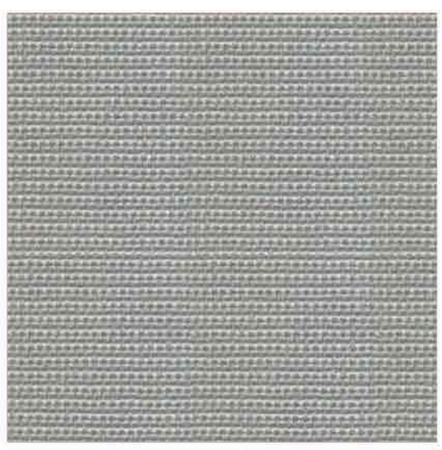
WIFERA 140



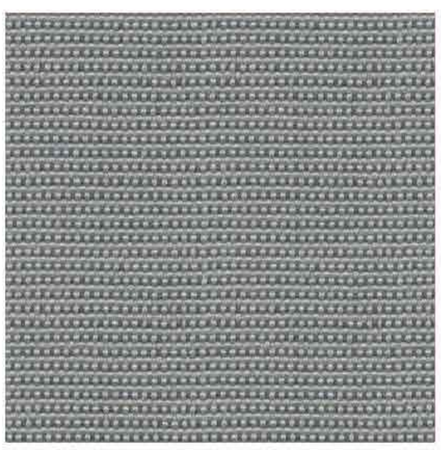
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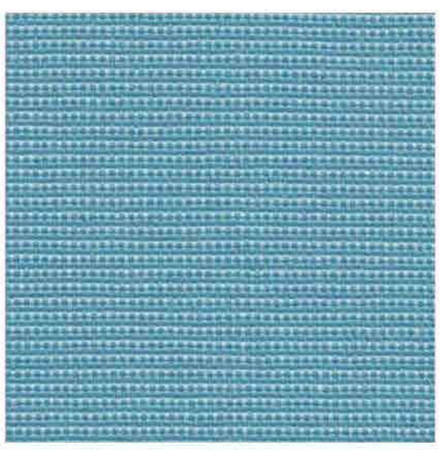
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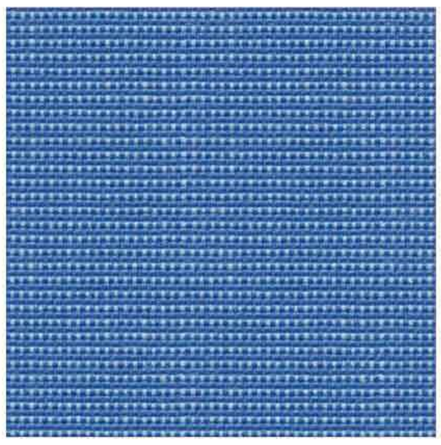
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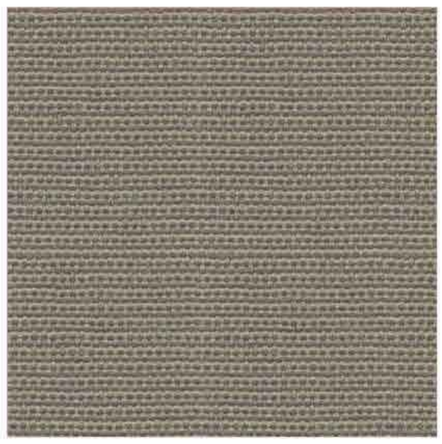
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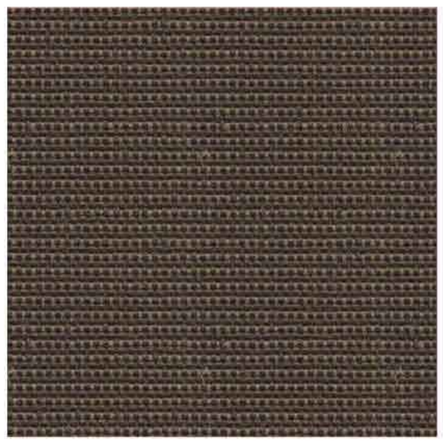
WIFERA 042



WIFERA 041



WIFERA 161



WIFERA 081



WIFERA 131



WIFERA 121

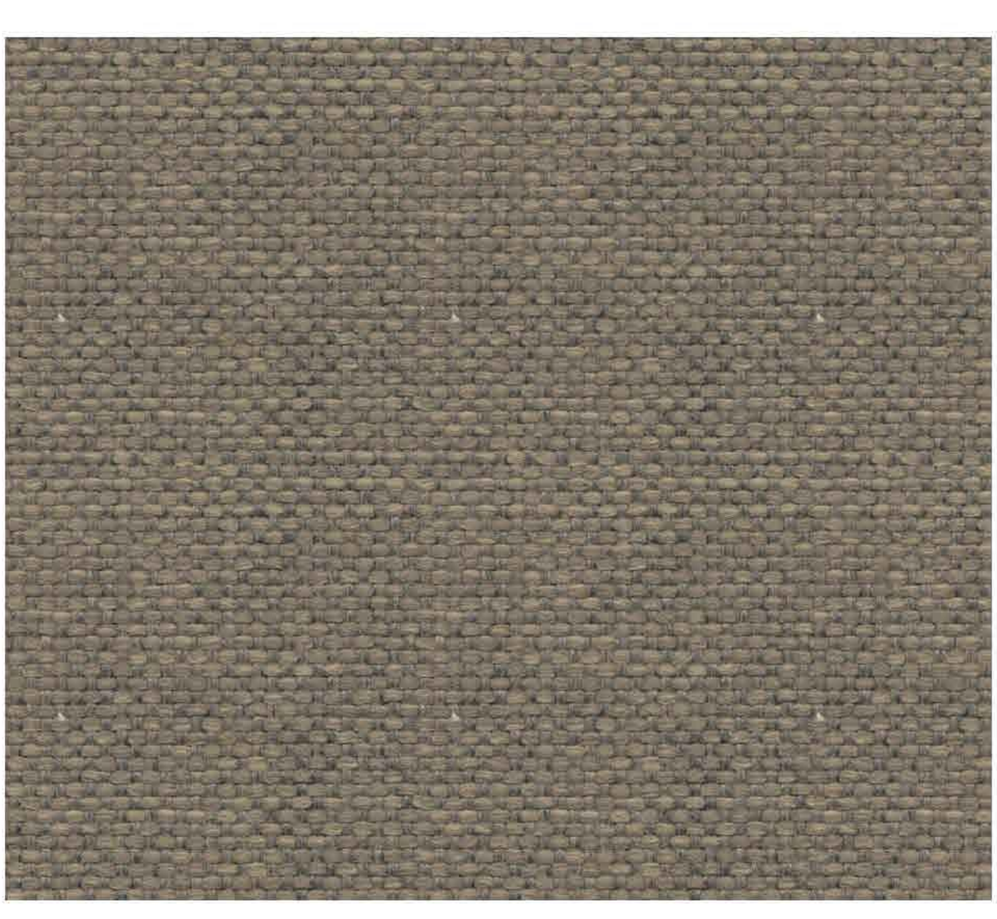


WIFERA 162



WIFERA 091

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGHT : 357 gr/m2
ABRASION (Rubs) : 20.000 (BS EN 14465 Annex A)



COPACABANA



COPACOBANA 164



COPACOBANA 180



COPACOBANA 182



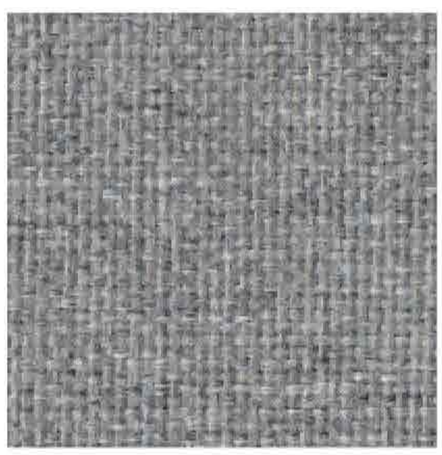
COPACOBANA 160



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COPACOBANA 161



COPACOBANA 165



COPACOBANA 163

SKU | SKU New Color | 500 M/ Color



COPACOBANA 082

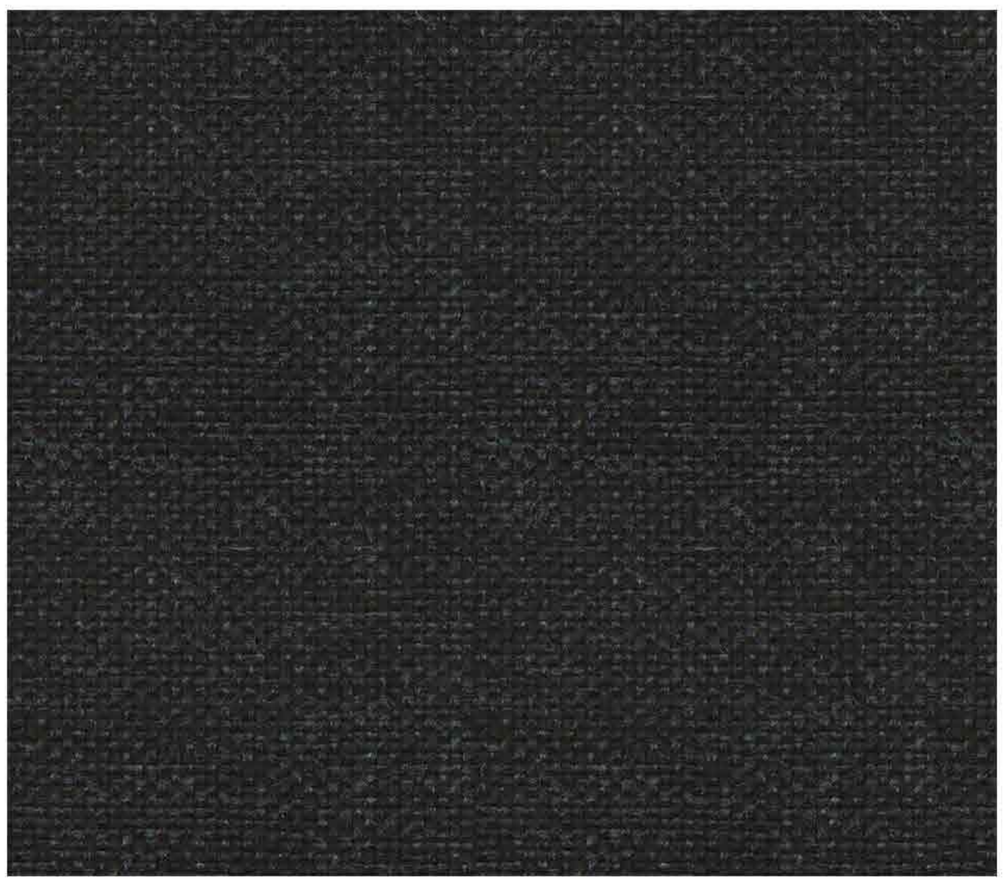


COPACOBANA 090



COPACOBANA 060

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGH : 316 gr/m2
ABRASION (Rubs) : 20.000 (BS EN 14465 Annex A)



GRACEBAY



GRACEBAY 133



GRACEBAY 160



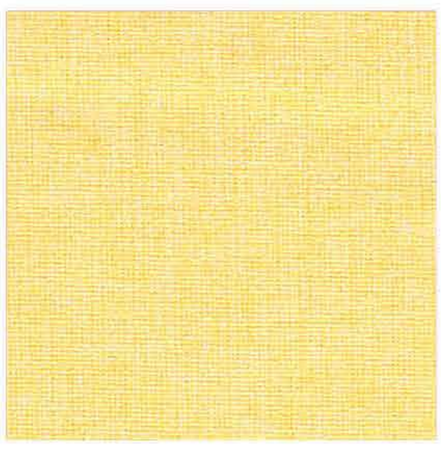
GRACEBAY 161



GRACEBAY 090



GRACEBAY 140



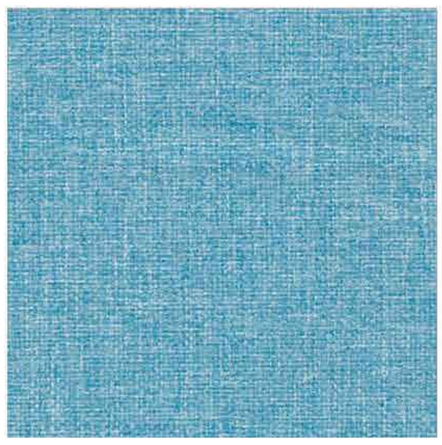
GRACEBAY 050



GRACEBAY 101



GRACEBAY 021

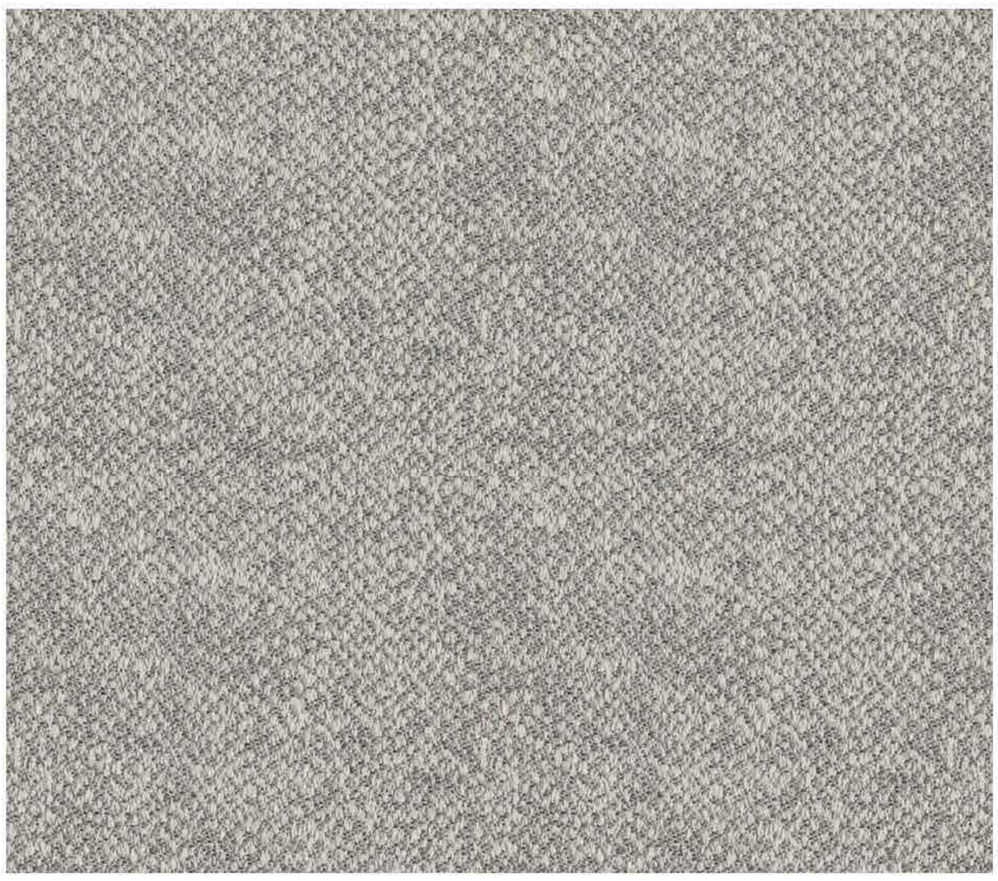


GRACEBAY 210



GRACEBAY 044

COMPOSITION : 100% Olefin
WIDTH : 140 cm
WEIGHT : 352 gr/m2
ABRASION (Rubs) : 18.000 (BS EN 14465 Annex A)



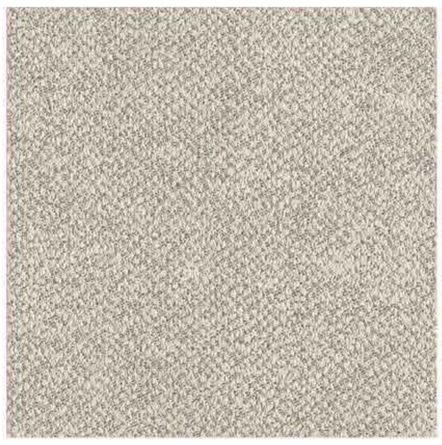
LANIKAI



LANIKAI 140



LANIKAI 180



LANIKAI 143



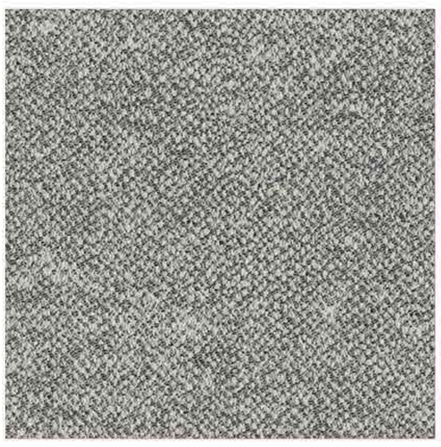
LANIKAI 084



LANIKAI 083



LANIKAI 160



LANIKAI 161

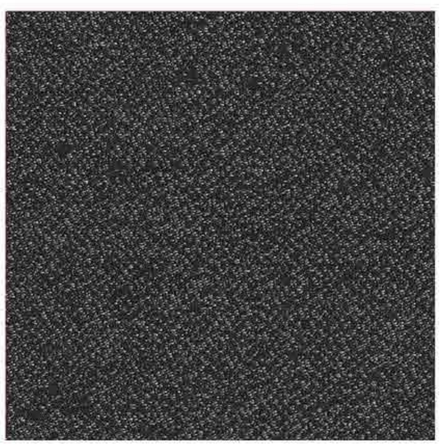


LANIKAI 095

COMPOSITION : 100% Olefin
WIDTH : 155 cm
WEIGHT : 262 gr/m2
ABRASION (Rubs) : 8.000 (BS EN 14465 Annex A)



PALOLEM



LANIKAI 090



PALOLEM 182

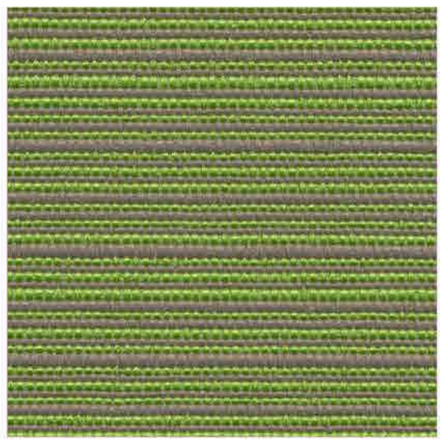


PALOLEM 161

SKU | SKU New Color | 500 M/ Color



PALOLEM 180



PALOLEM 022

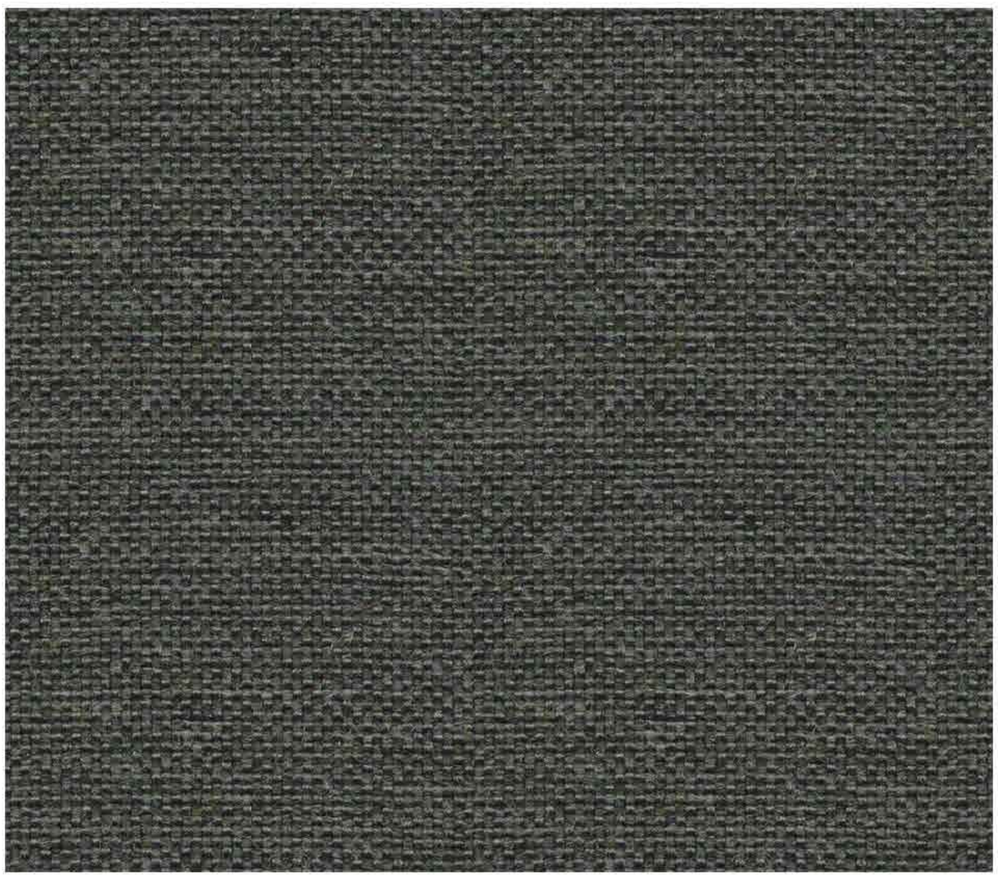


PALOLEM 220



PALOLEM 100

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGH : 266 gr/m2
ABRASION (Rubs) : 16.000 (BS EN 14465 Annex A)



SOUTHEND

SOUTHEND 130



SOUTHEND 168



SOUTHEND 161



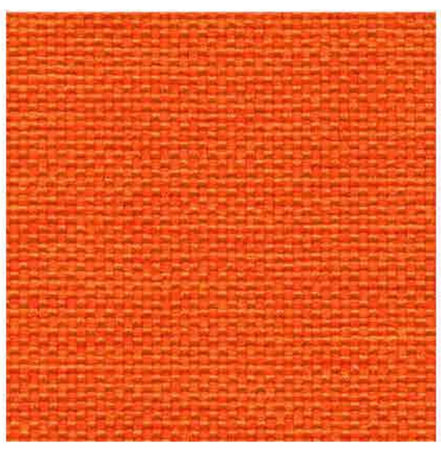
SOUTHEND 160



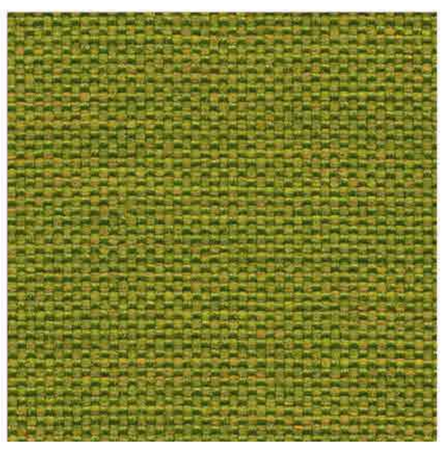
SOUTHEND 165



SOUTHEND 093



SOUTHEND 100



SOUTHEND 020

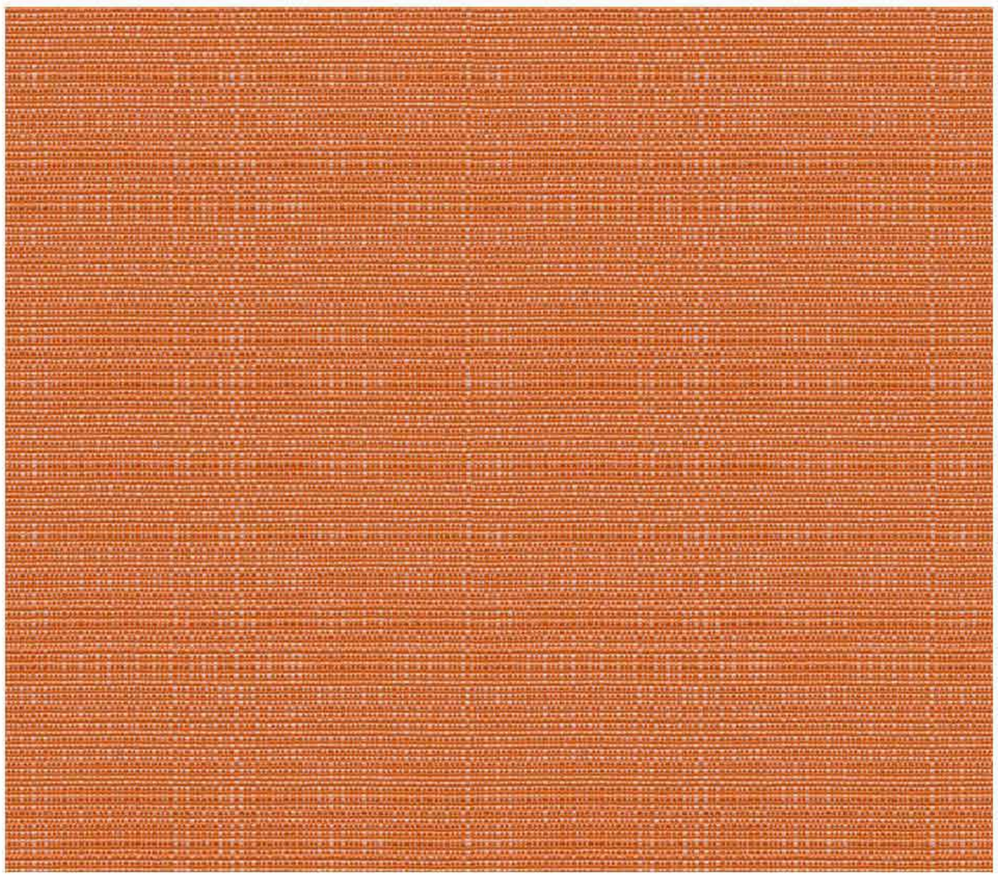


SOUTHEND 221

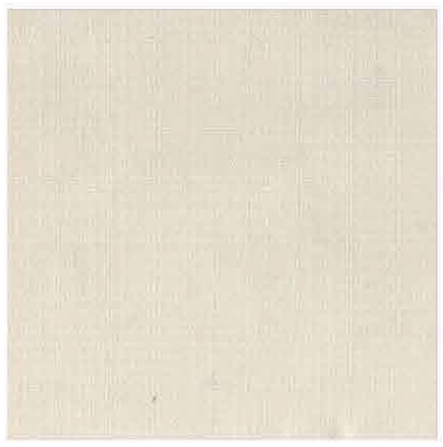


SOUTHEND 040

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGHT : 202 gr/m2
ABRASION (Rubs) : 10.000 (BS EN 14465 Annex A)



BRITANNIA



BRITANNIA 130



BRITANNIA 145



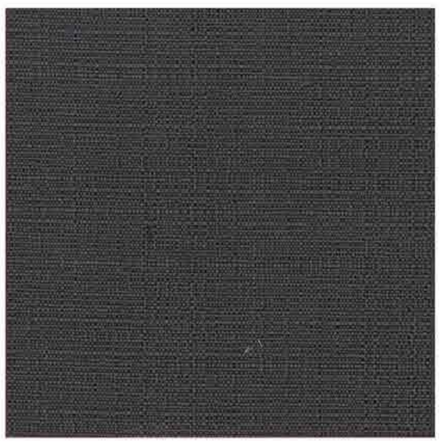
BRITANNIA 180



BRITANNIA 181



BRITANNIA 091



BRITANNIA 167



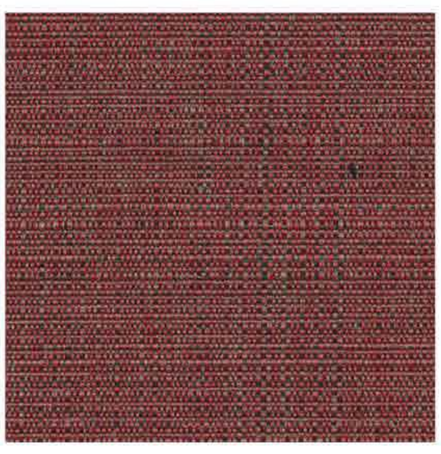
BRITANNIA 050



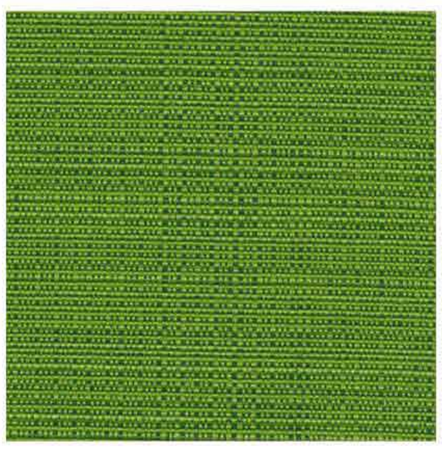
BRITANNIA 101



BRITANNIA 010



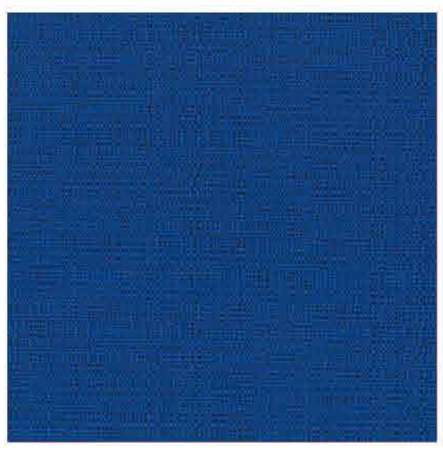
BRITANNIA 030



BRITANNIA 021



BRITANNIA 230



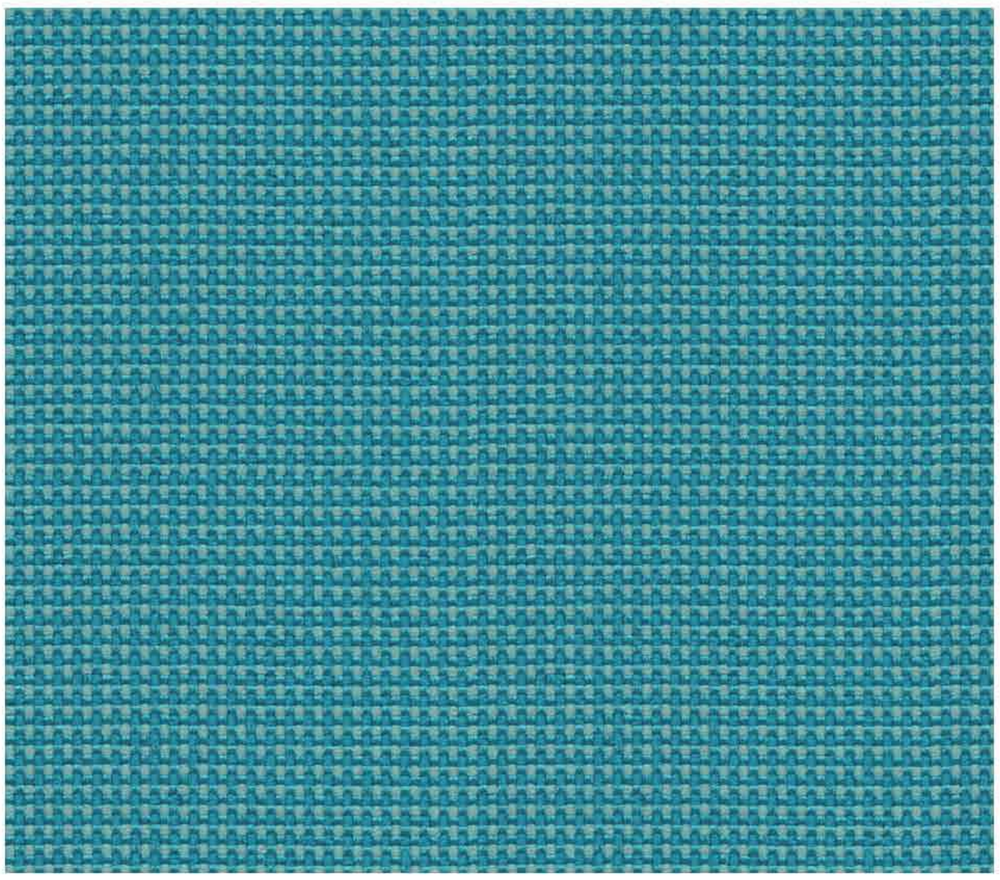
BRITANNIA 120



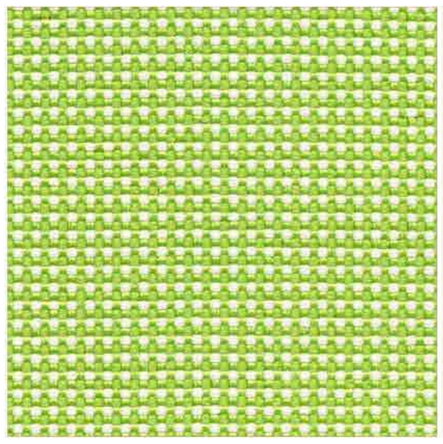
BRITANNIA 060

SKU | SKU New Color | 500 M/ Color

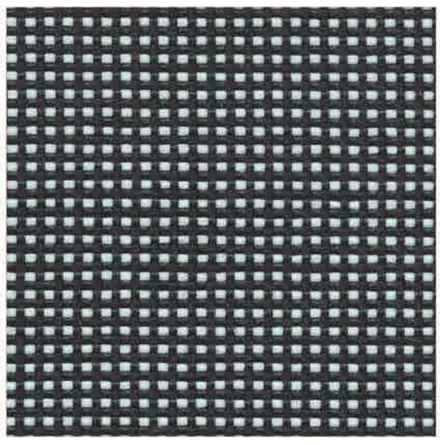
COMPOSITION : 100% Olefin
WIDTH : 140 cm
WEIGHT : 287 gr/m2
ABRASION (Rubs) : 20.000 (BS EN 14465 Annex A)



PRAIA



PRAIA 021



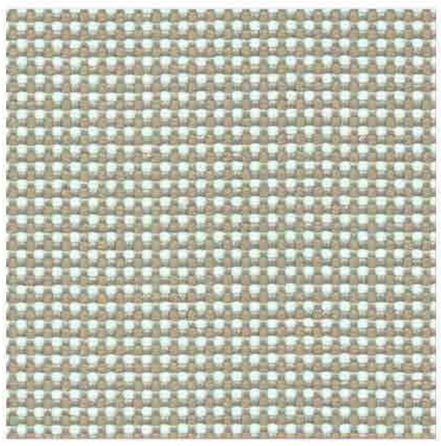
PRAIA 091



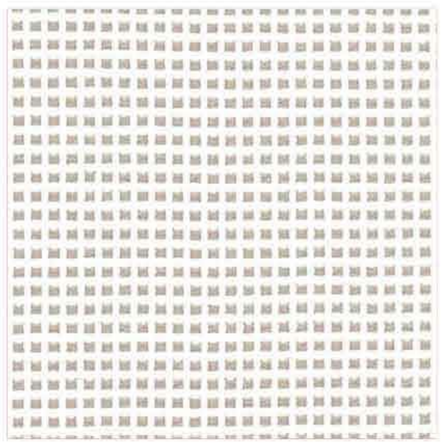
PRAIA 010



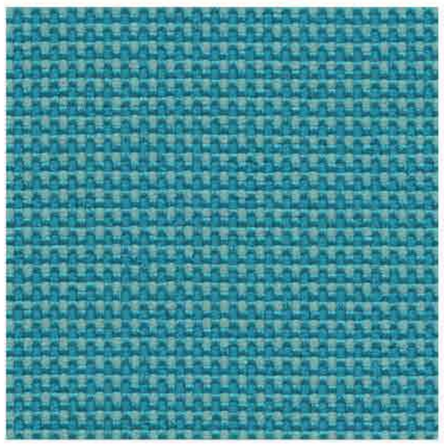
PRAIA 090



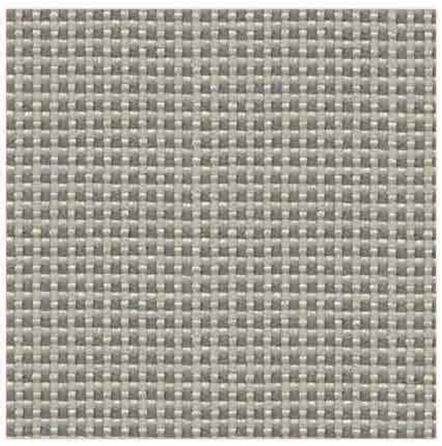
PRAIA 161



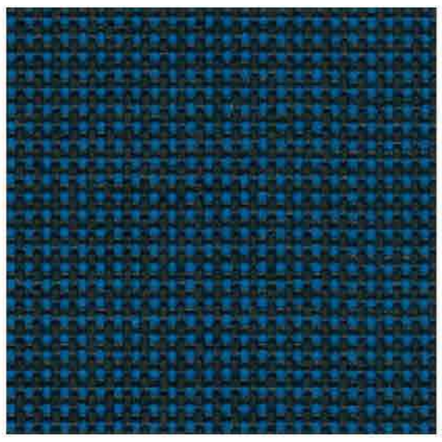
PRAIA 130



PRAIA 210

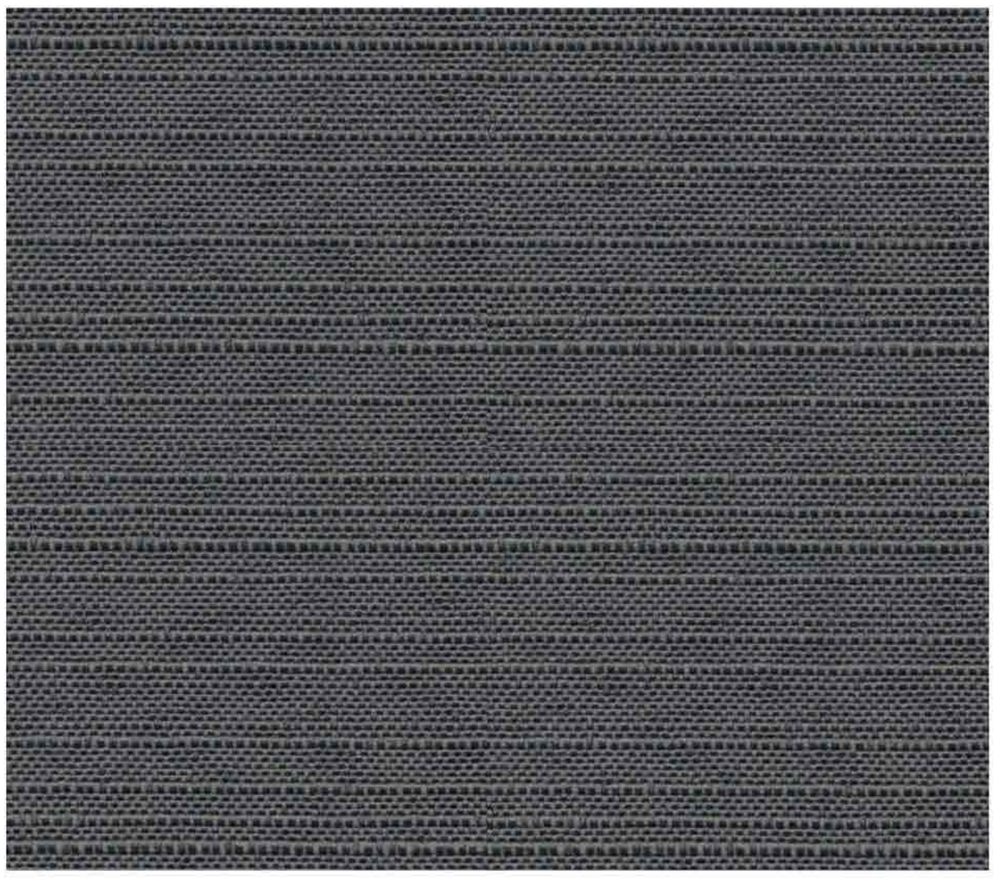


PRAIA 160



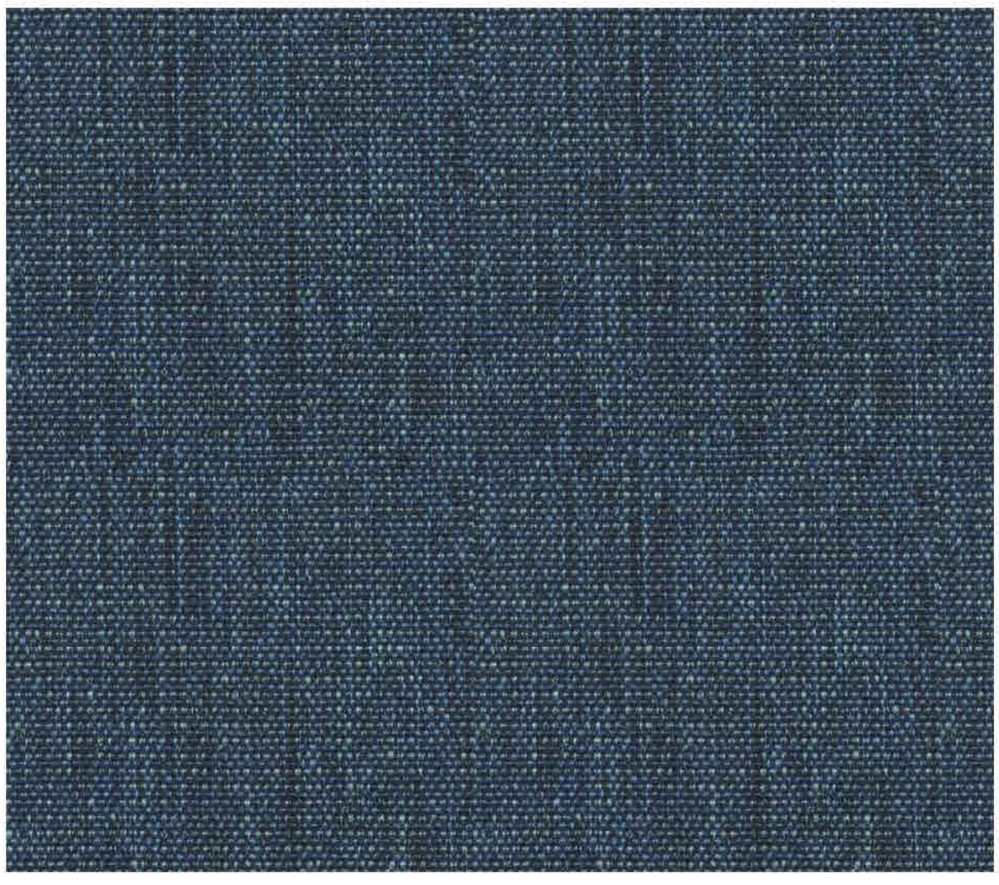
PRAIA 092

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGHT : 267 gr/m2
ABRASION (Rubs) : 12.000 (BS EN 14465 Annex A)

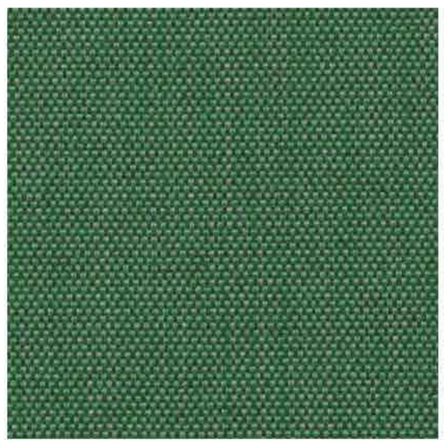


VINICIO 161

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGHT : 229 gr/m2
ABRASION (Rubs) : 40.000 (BS EN 14465 Annex A)



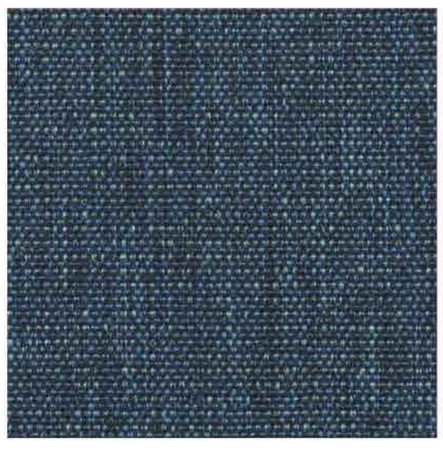
KITSILANO



KITSILANO 070



KITSILANO 120

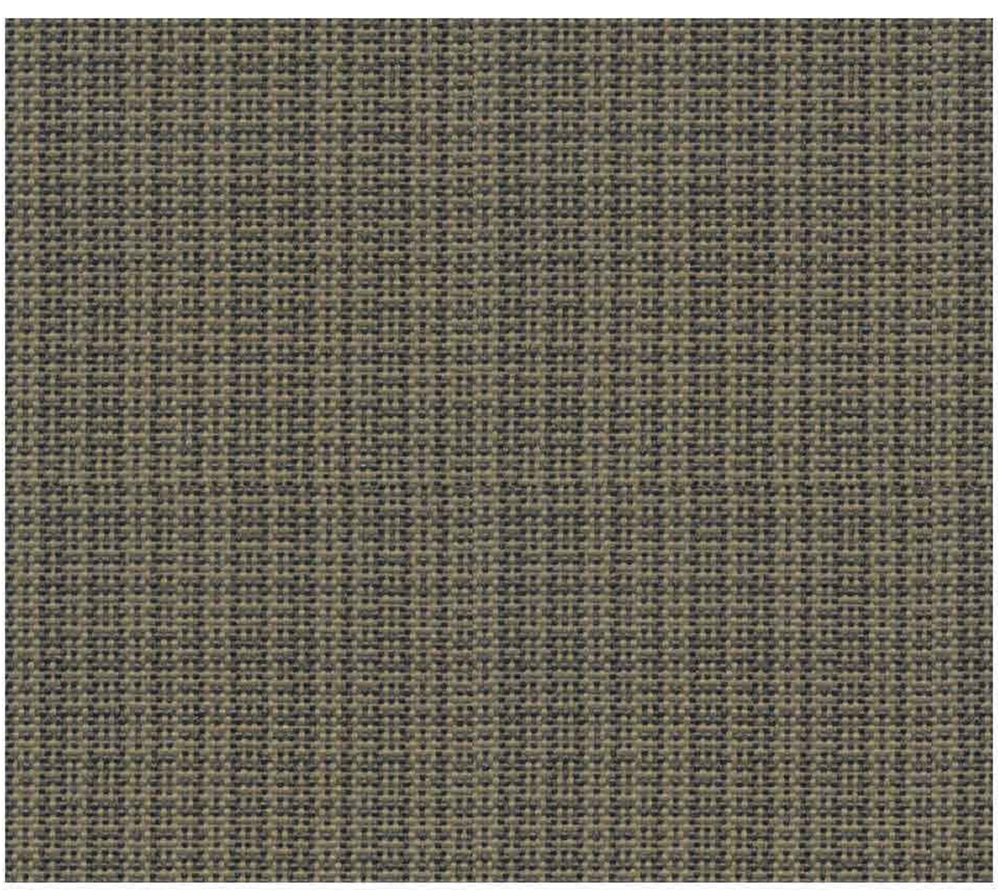


KITSILANO 121

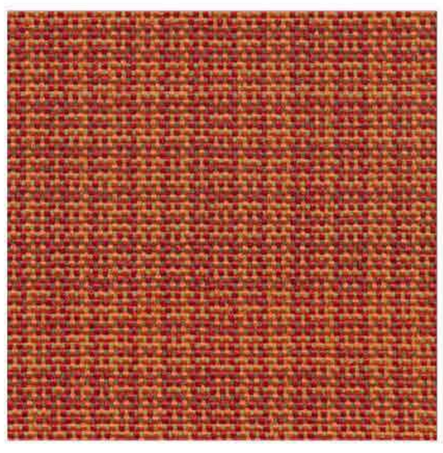


KITSILANO 122

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGHT : 238 gr/m2
ABRASION (Rubs) : 10.000 (BS EN 14465 Annex A)



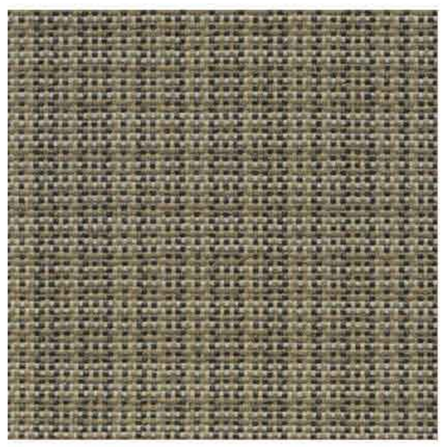
BARRANCO



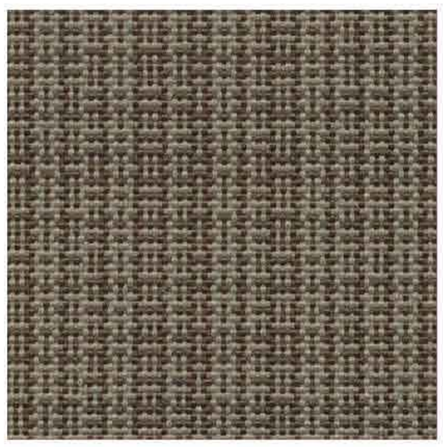
BARRANCO 103



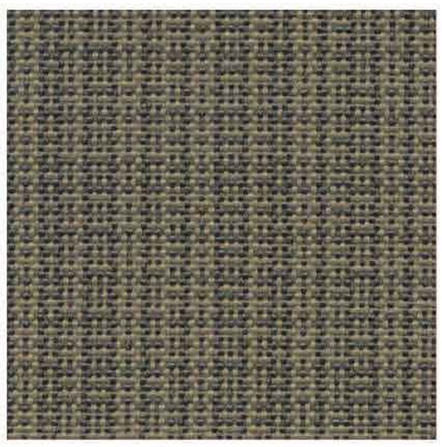
BARRANCO 140



BARRANCO 164



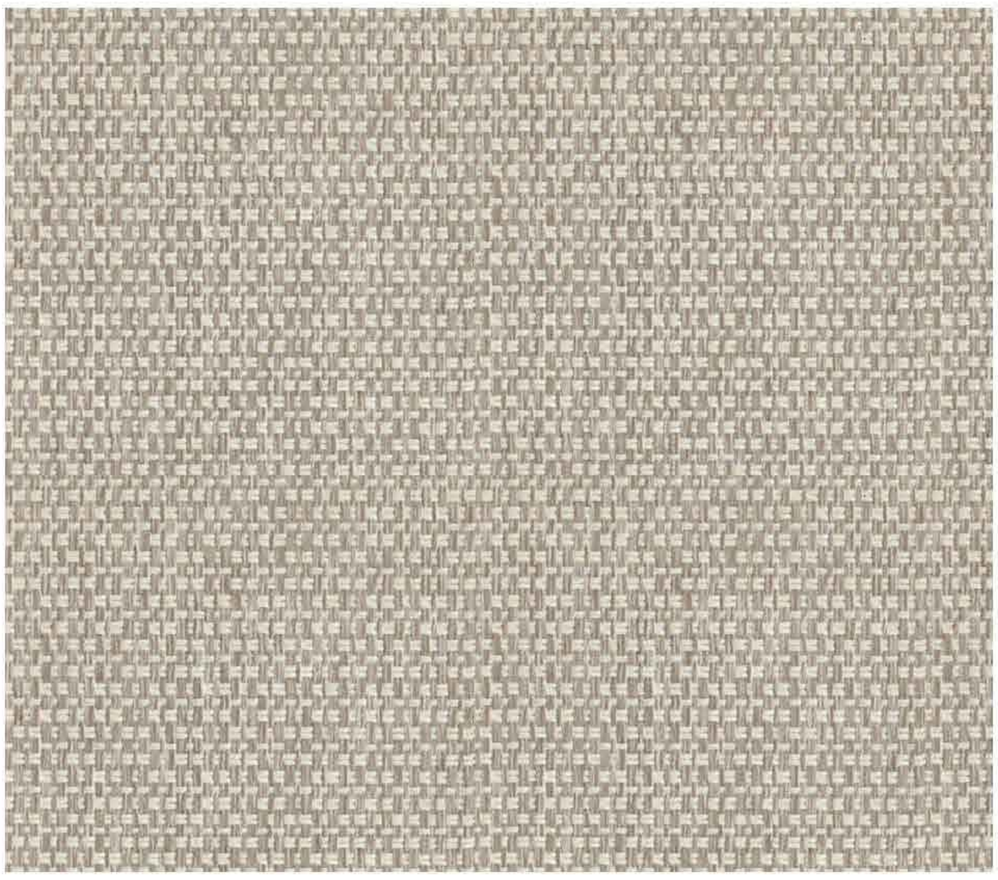
BARRANCO 083



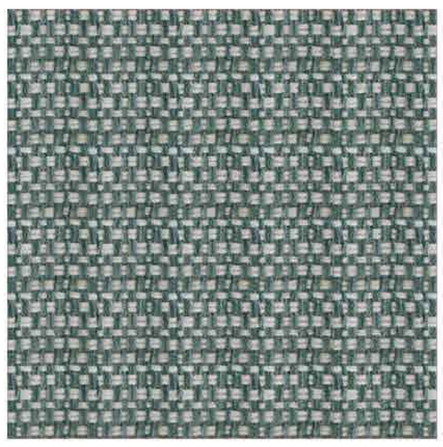
BARRANCO 161

SKU | SKU New Color | 500 M/ Color

COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGHT : 357 gr/m2
ABRASION (Rubs) : 16.000 (BS EN 14465 Annex A)



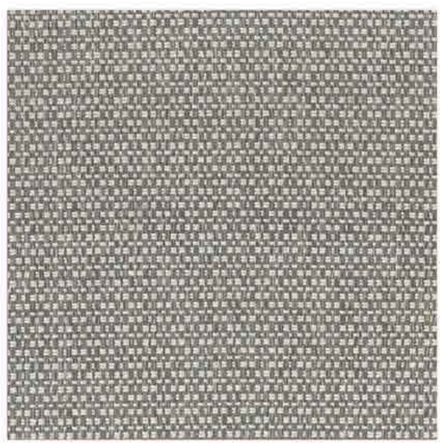
FONTELINA



FONTELINA 225



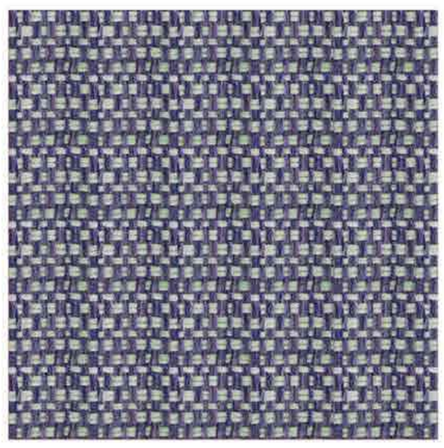
FONTELINA 180



FONTELINA 163

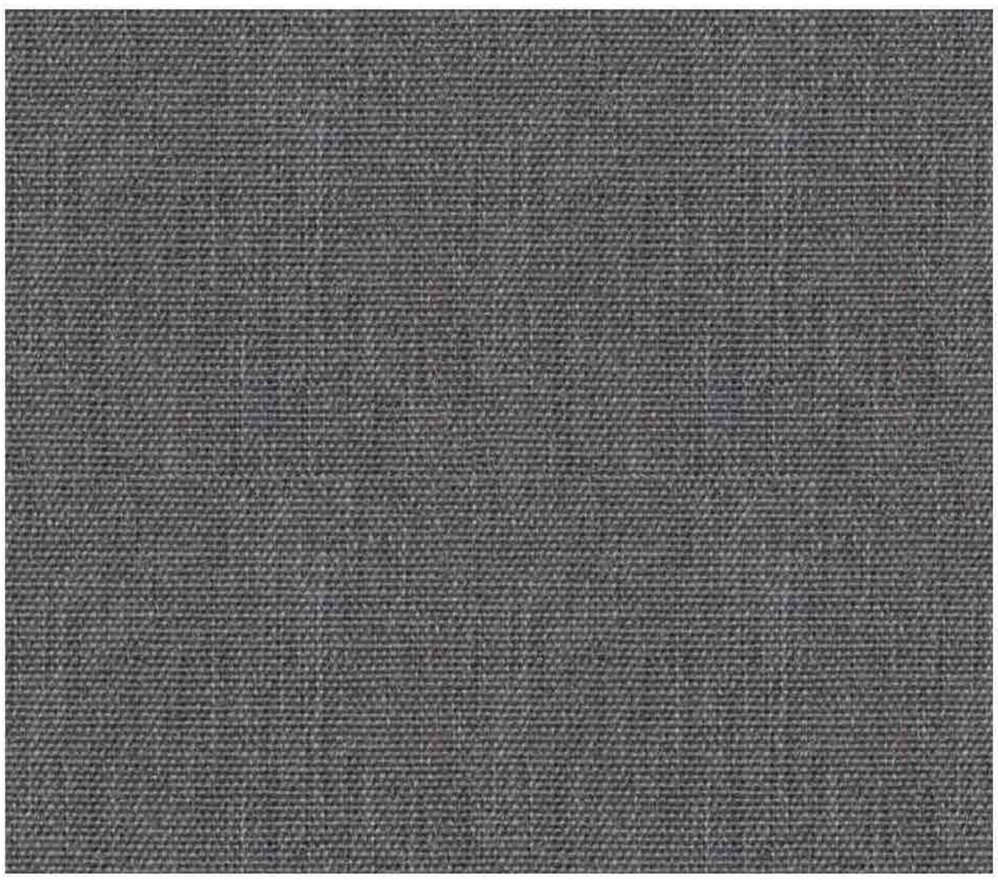


FONTELINA 090

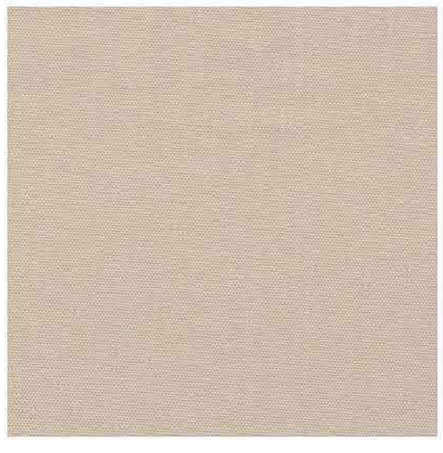


FONTELINA 120

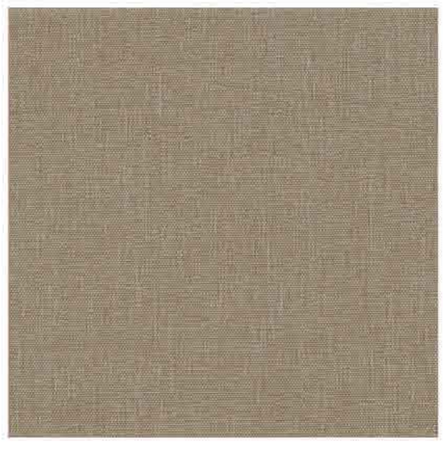
COMPOSITION : 100% Olefin
WIDTH : 150 cm
WEIGH : 194 gr/m2
ABRASION (Rubs) : 20.000 (BS EN 14465 Annex A)



VENAO



VENAO 144



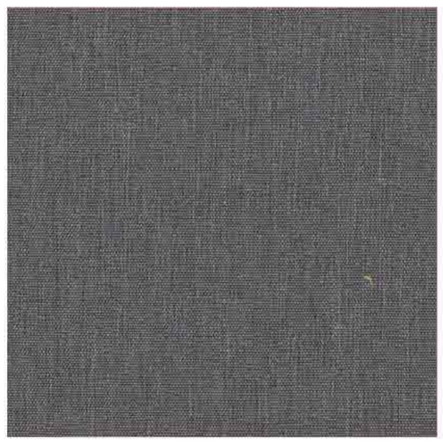
VENAO 181



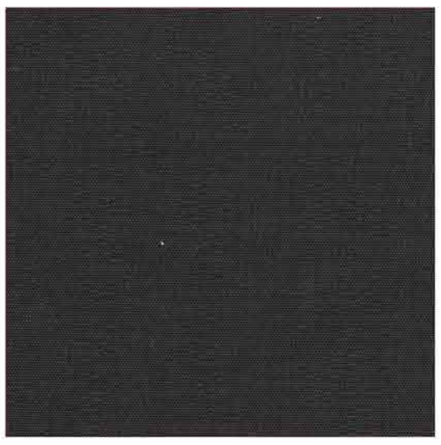
VENAO 165



VENAO 168



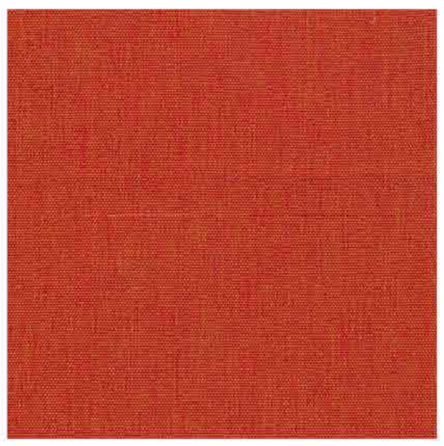
VENAO 167



VENAO 090



VENAO 190



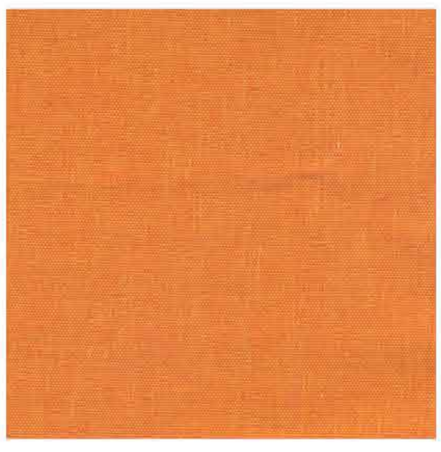
VENAO 010



VENAO 050



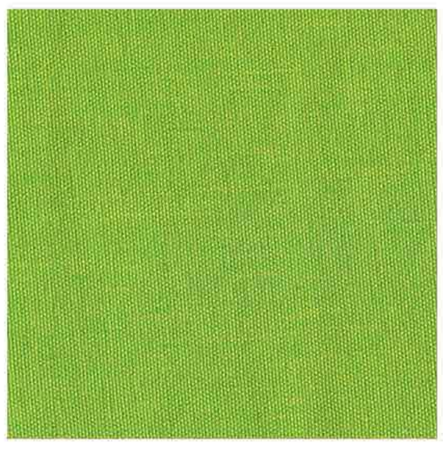
VENAO 102



VENAO 101



VENAO 022



VENAO 021



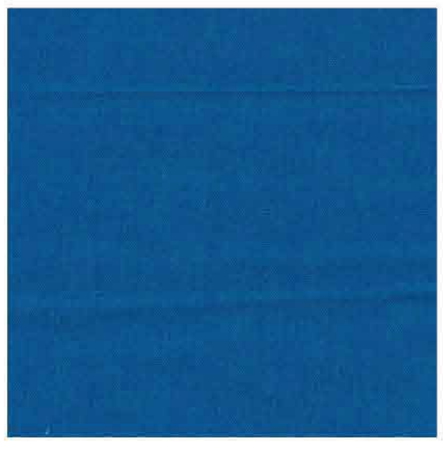
VENAO 230



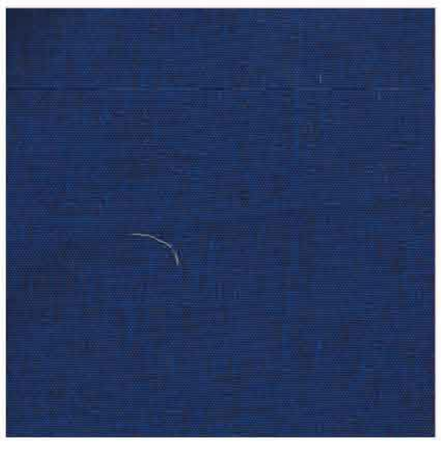
VENAO 210



VENAO 040



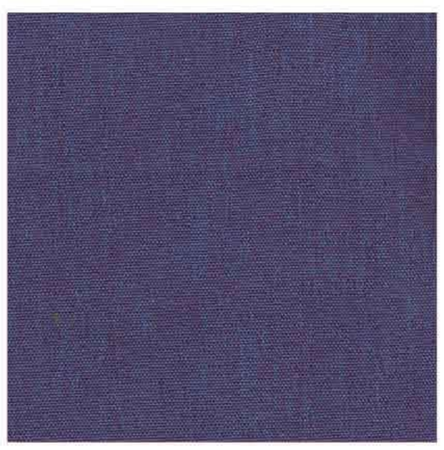
VENAO 044



VENAO 122



VENAO 061



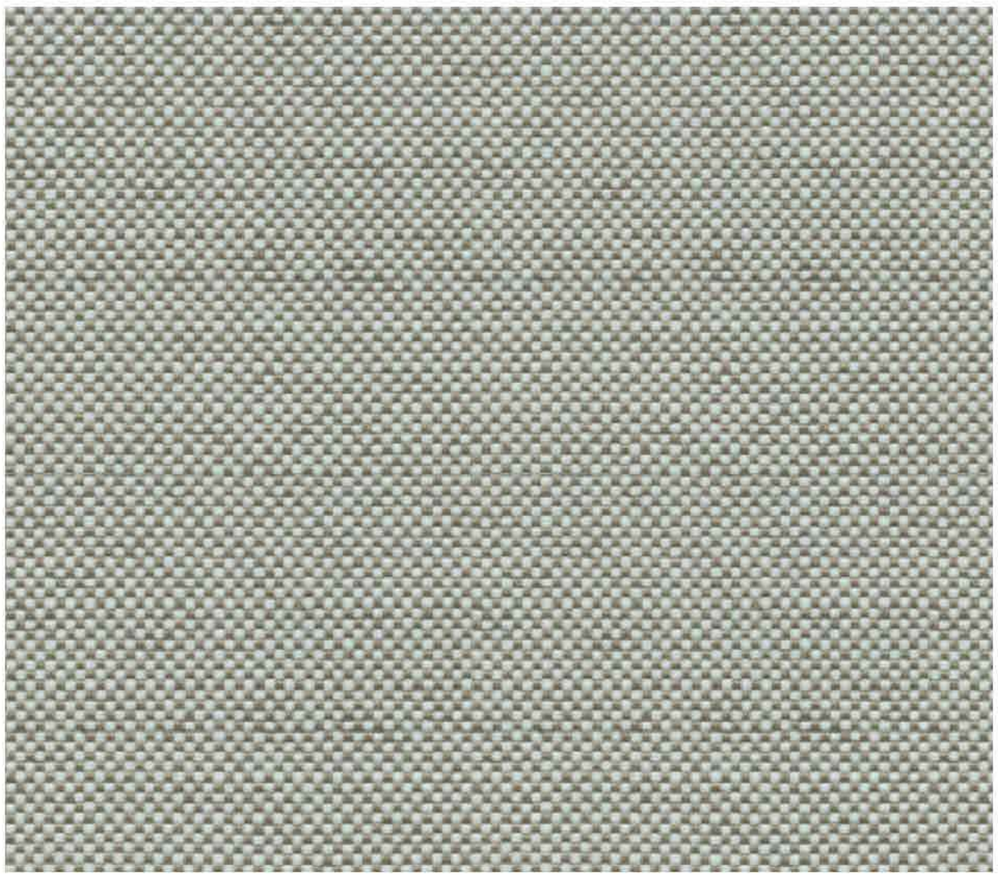
VENAO 060



VENAO 080

SKU | SKU New Color | 500 M/ Color

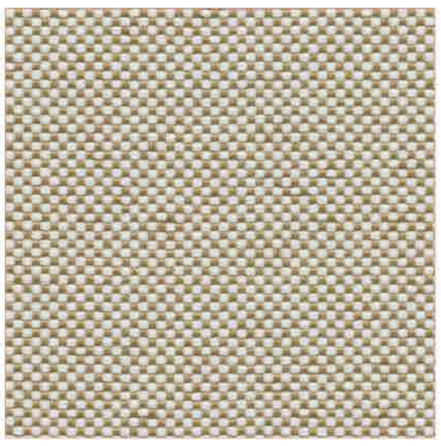
COMPOSITION : 100% Olefin
WIDTH : 140 cm
WEIGHT : 287 gr/m2
ABRASION (Rubs) : 18.000 (BS EN 14465 Annex A)



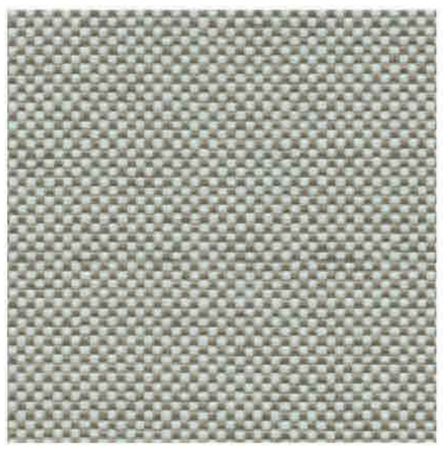
PALAZZO



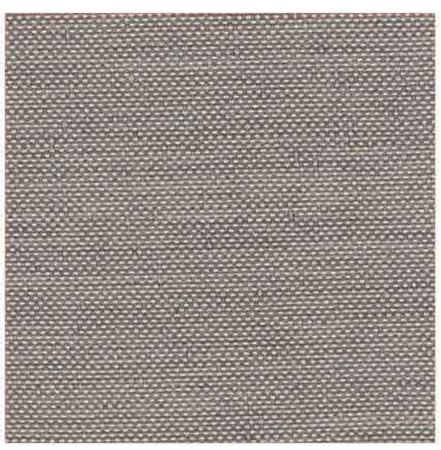
PALAZZO 141



PALAZZO 180



PALAZZO 143



PALAZZO 163

UV Resistance

Water Repellency

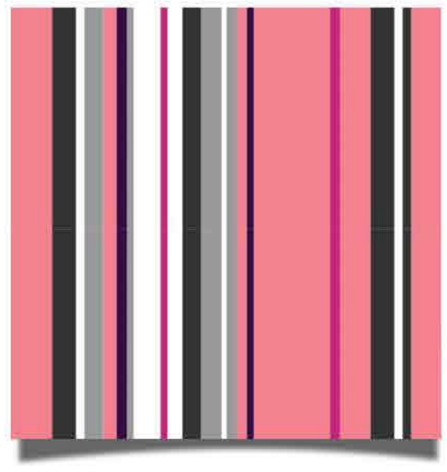
Anti Bacterial

Environmental Friendly

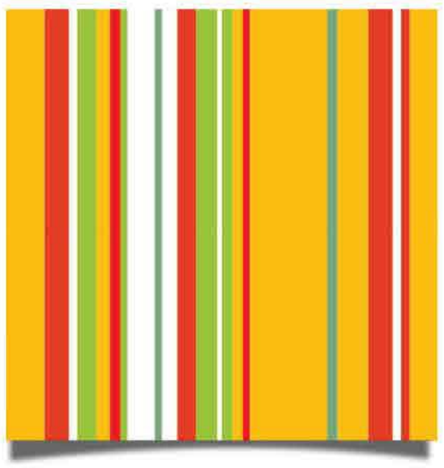
Recyclable

SKU | SKU New Color | 500 M/ Color

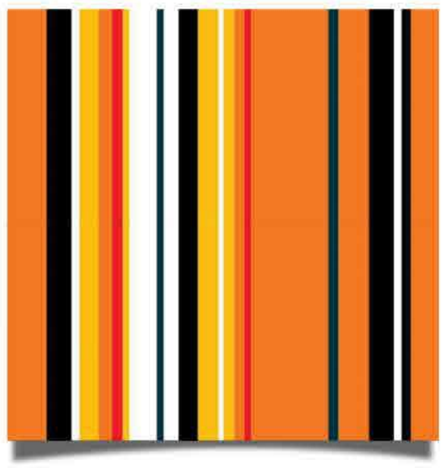
These patterns are stock keeping unit.
Other pattern collections are available upon request / inquiry or visit our website
www.sunproof.co.id



ALBENA 190
REPEAT: H= 13cm



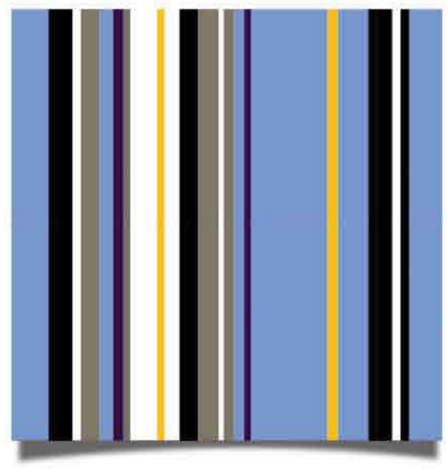
ALBENA 050
REPEAT: H= 13cm



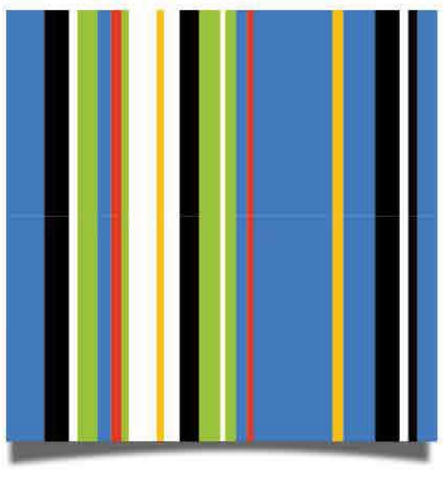
ALBENA 100
REPEAT: H= 13cm



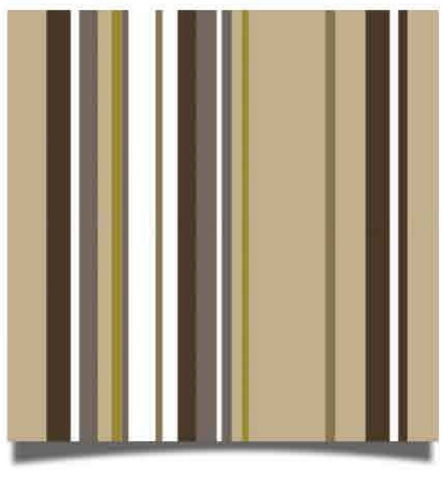
ALBENA 010
REPEAT: H= 13cm



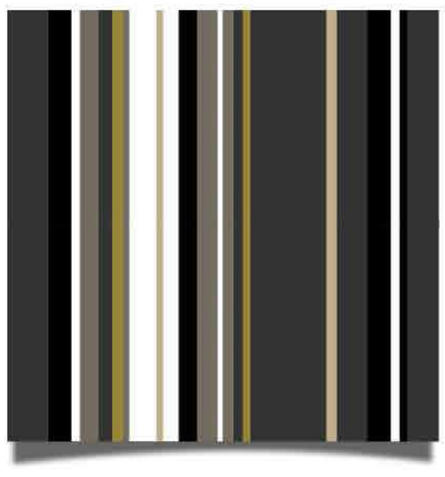
ALBENA 044
REPEAT: H= 13cm



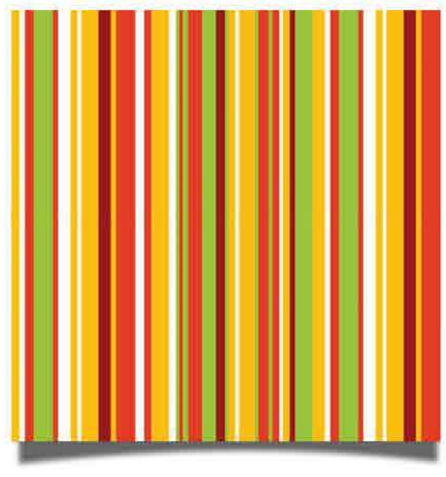
ALBENA 210
REPEAT: H= 13cm



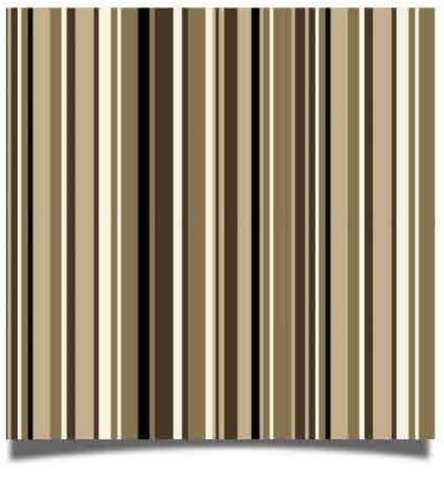
ALBENA 180
REPEAT: H= 13cm



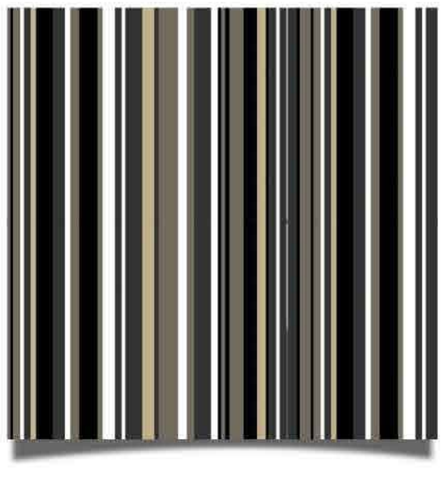
ALBENA 160
REPEAT: H= 13cm



BRAY 050
REPEAT: H= 9.1cm



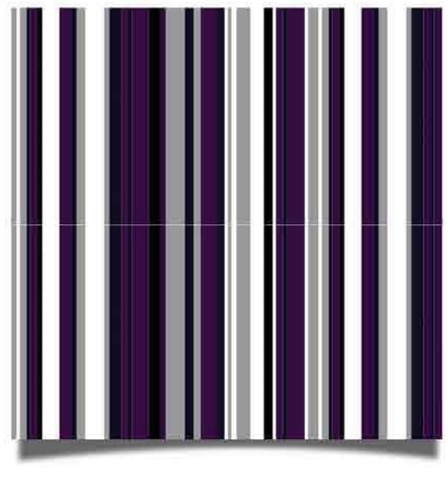
BRAY 180
REPEAT: H= 9.1cm



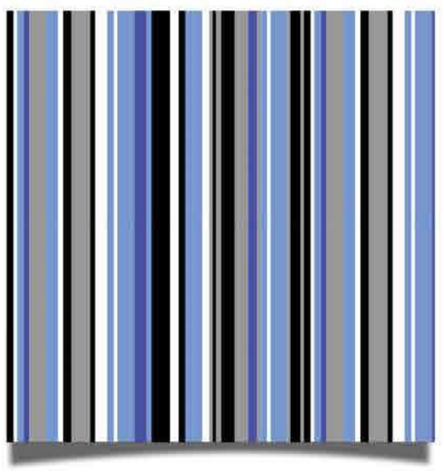
BRAY 160
REPEAT: H= 9.1cm



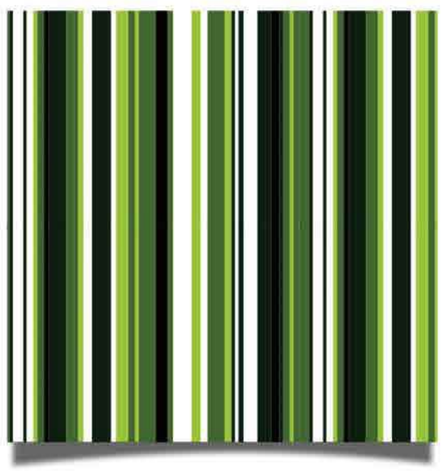
BRAY 085
REPEAT: H= 9.1cm



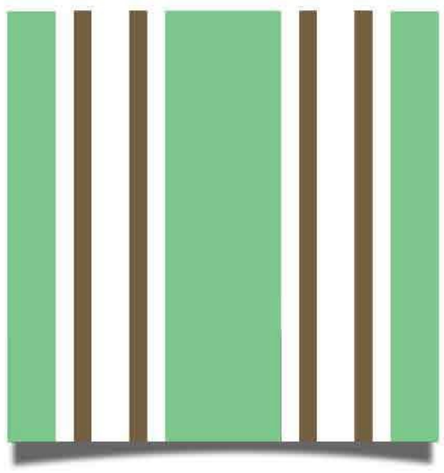
BRAY 060
REPEAT: H= 9.1cm



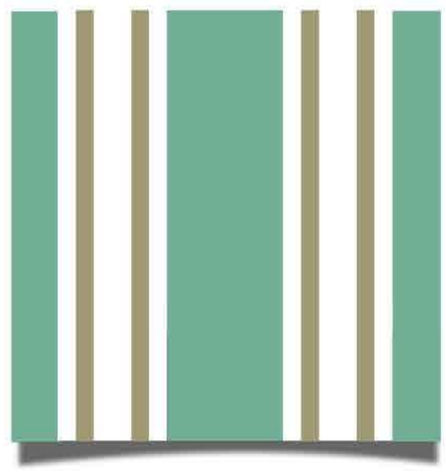
BRAY 040
REPEAT: H= 9.1cm



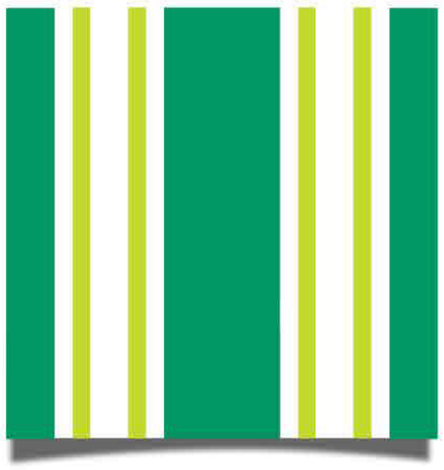
BRAY 020
REPEAT: H= 9.1cm



CURIOSITY 224
REPEAT: H= 19cm

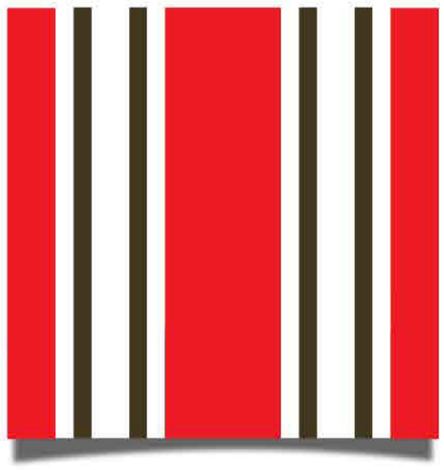


CURIOSITY 041
REPEAT: H= 19cm



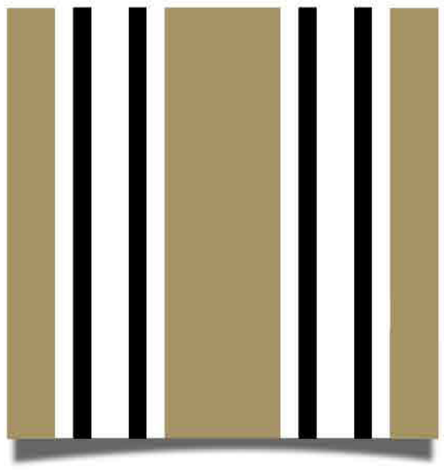
CURIOSITY 047

REPEAT: H= 19cm



CURIOSITY 015

REPEAT: H= 19cm



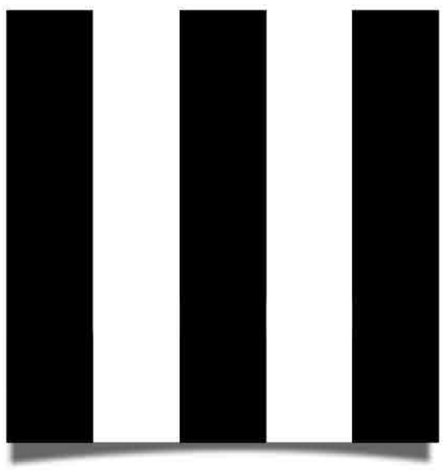
CURIOSITY 165

REPEAT: H= 19cm



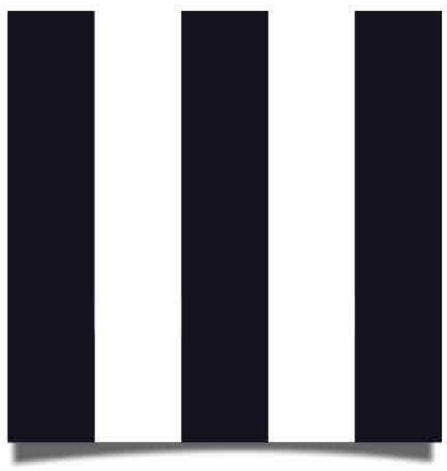
CURIOSITY 188

REPEAT: H= 19cm



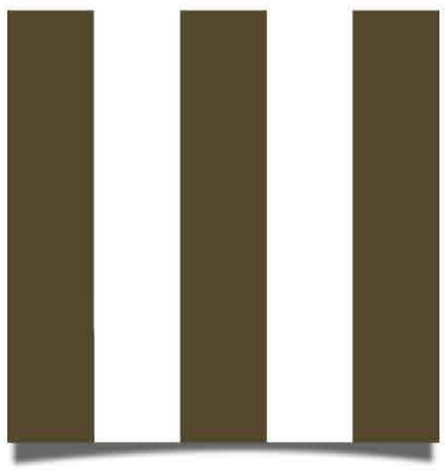
NEWKOBLENZ 090

REPEAT: H= 10cm



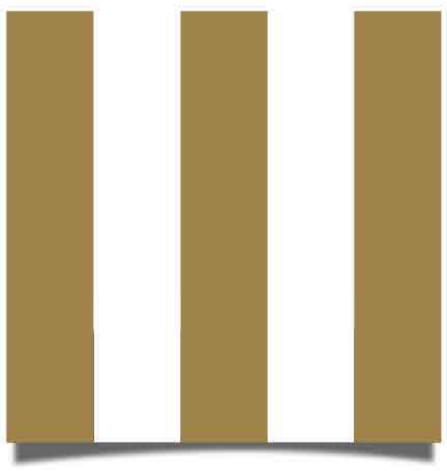
NEWKOBLENZ 120

REPEAT: H= 10cm



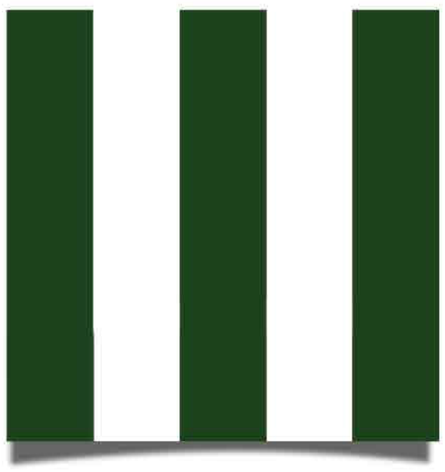
NEWKOBLENZ 160

REPEAT: H= 10cm



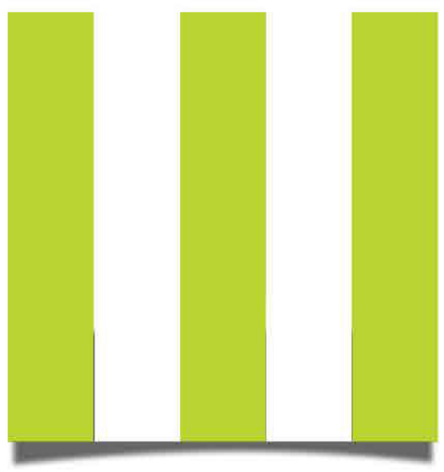
NEWKOBLENZ 180

REPEAT: H= 10cm



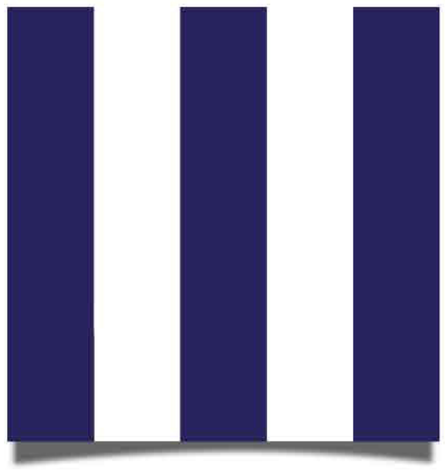
NEWKOBLENZ 230

REPEAT: H= 10cm



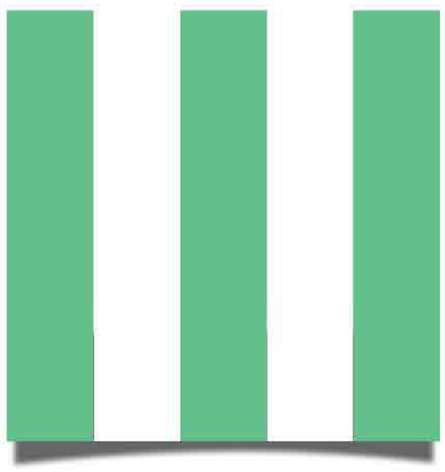
NEWKOBLENZ 021

REPEAT: H= 10cm



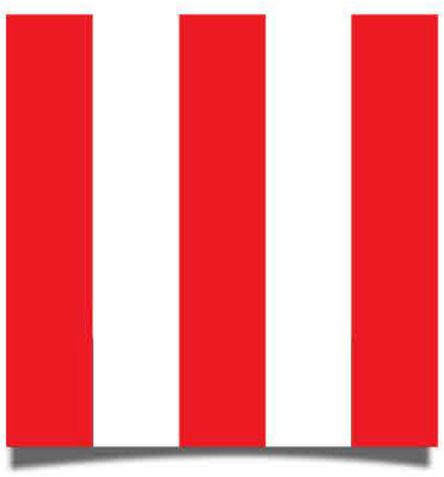
NEWKOBLENZ 044

REPEAT: H= 10cm



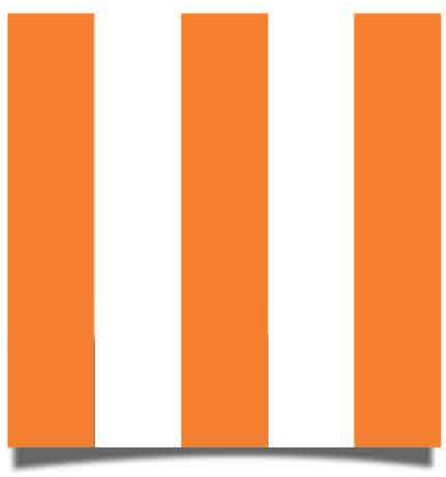
NEWKOBLENZ 210

REPEAT: H= 10cm



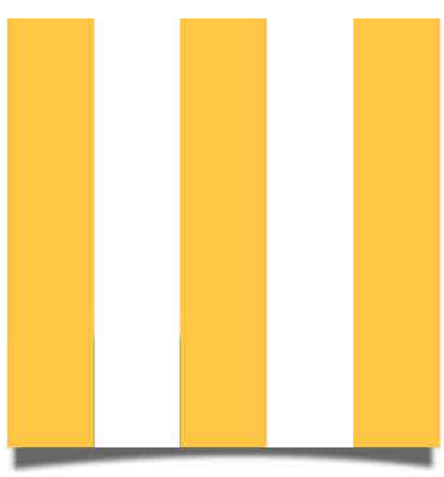
NEWKOBLENZ 010

REPEAT: H= 10cm



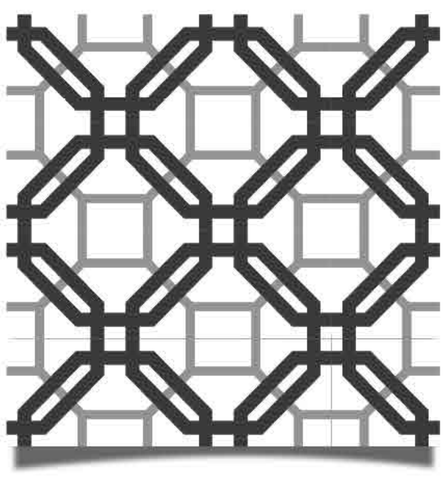
NEWKOBLENZ 101

REPEAT: H= 10cm



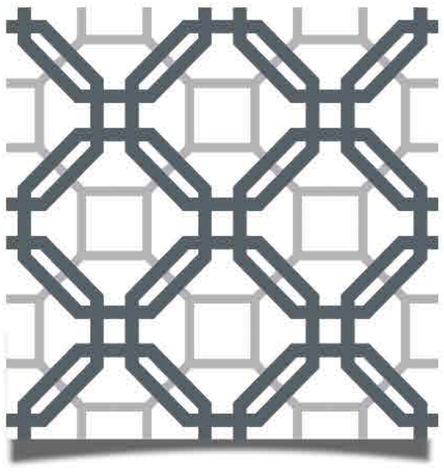
NEWKOBLENZ 050

REPEAT: H= 10cm



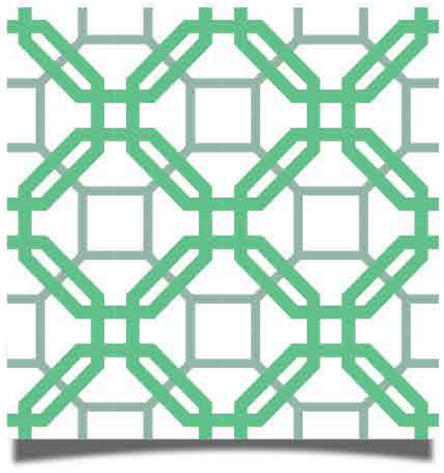
NATADOLA 090

REPEAT: H= 14.5cm | V= 17.5cm



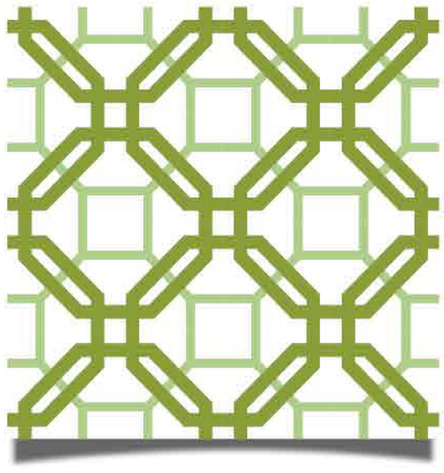
NATADOLA 044

REPEAT: H= 14.5cm | V= 17.5cm



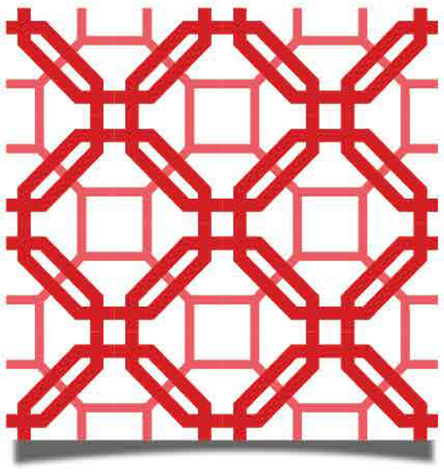
NATADOLA 210

REPEAT: H= 14.5cm | V= 17.5cm



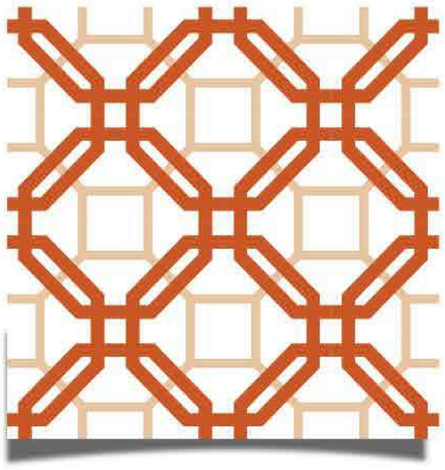
NATADOLA 021

REPEAT: H= 14.5cm | V= 17.5cm

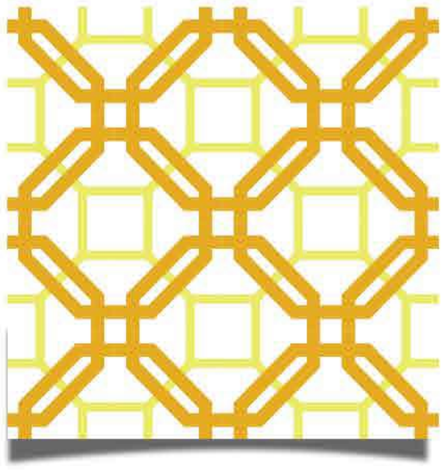


NATADOLA 010

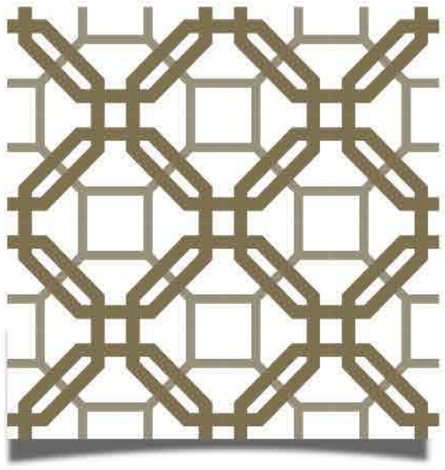
REPEAT: H= 14.5cm | V= 17.5cm



NATADOLA 101
REPEAT: H= 14.5cm | V= 17.5cm



NATADOLA 050
REPEAT: H= 14.5cm | V= 17.5cm



NATADOLA 161
REPEAT: H= 14.5cm | V= 17.5cm



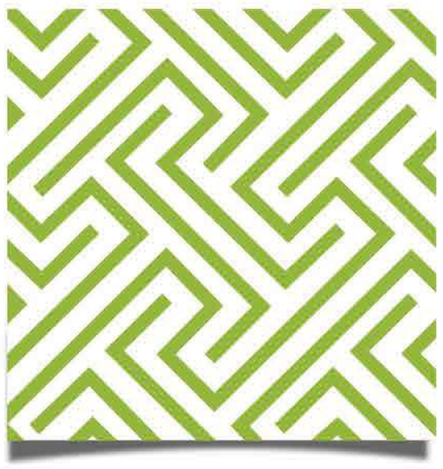
NEGRIL#R 090
REPEAT: H= 13.8cm | V= 17.5cm



NEGRIL#R 044
REPEAT: H= 13.8cm | V= 17.5cm



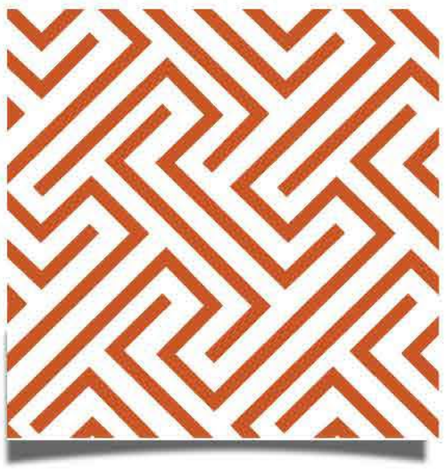
NEGRIL#R 210
REPEAT: H= 13.8cm | V= 17.5cm



NEGRIL#R 021
REPEAT: H= 13.8cm | V= 17.5cm



NEGRIL#R 010
REPEAT: H= 13.8cm | V= 17.5cm



NEGRIL#R 101
REPEAT: H= 13.8cm | V= 17.5cm



NEGRIL#R 050
REPEAT: H= 13.8cm | V= 17.5cm



NEGRIL#R 161
REPEAT: H= 13.8cm | V= 17.5cm



PINAMAR 090
REPEAT: H= 14cm | V= 17.3cm



PINAMAR 044
REPEAT: H= 14cm | V= 17.3cm



PINAMAR 210
REPEAT: H= 14cm | V= 17.3cm



PINAMAR 021
REPEAT: H= 14cm | V= 17.3cm



PINAMAR 010
REPEAT: H= 14cm | V= 17.3cm



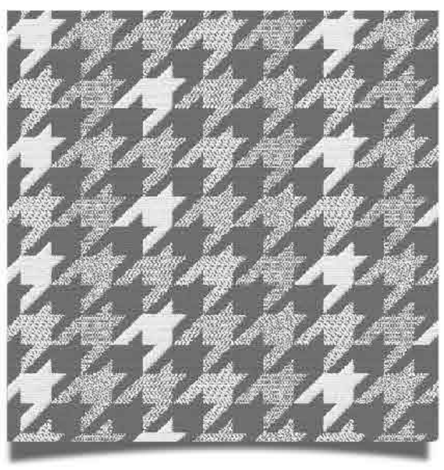
PINAMAR 101
REPEAT: H= 14cm | V= 17.3cm



PINAMAR 050
REPEAT: H= 14cm | V= 17.3cm



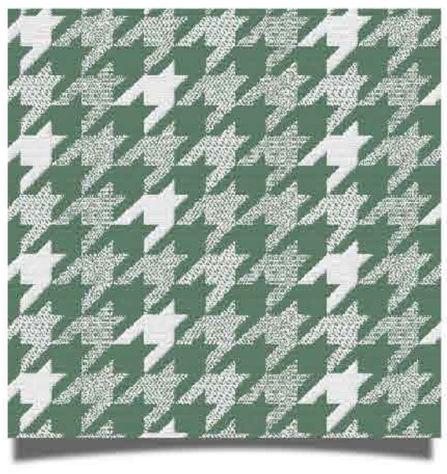
PINAMAR 161
REPEAT: H= 14cm | V= 17.3cm



LAPUNTA 120
REPEAT: H= 35.2cm | V= 6.8cm + 3%



LAPUNTA 160
REPEAT: H= 35.2cm | V= 6.8cm + 3%



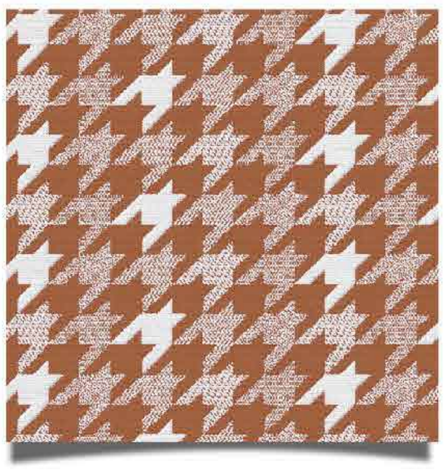
LAPUNTA 210
REPEAT: H= 35.2cm | V= 6.8cm + 3%



LAPUNTA 211
REPEAT: H= 35.2cm | V= 6.8cm + 3%



LAPUNTA 025
REPEAT: H= 35.2cm | V= 6.8cm + 3%



LAPUNTA 205
REPEAT: H= 35.2cm | V= 6.8cm + 3%



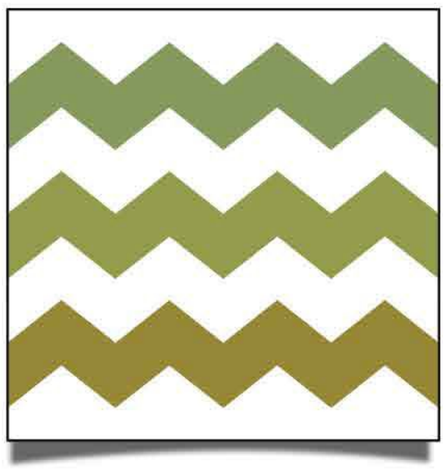
LAPUNTA 180
REPEAT: H= 35.2cm | V= 6.8cm + 3%



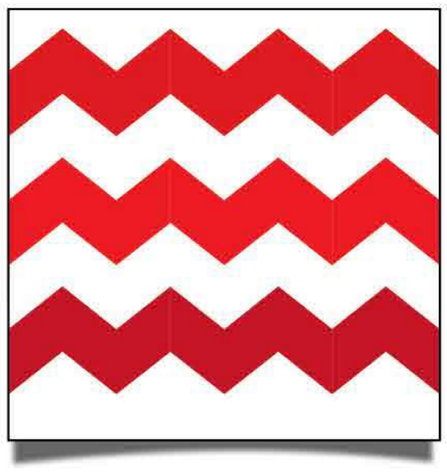
RONDINARA 210
REPEAT: H= 35.1cm | V= 37.07cm + 3%



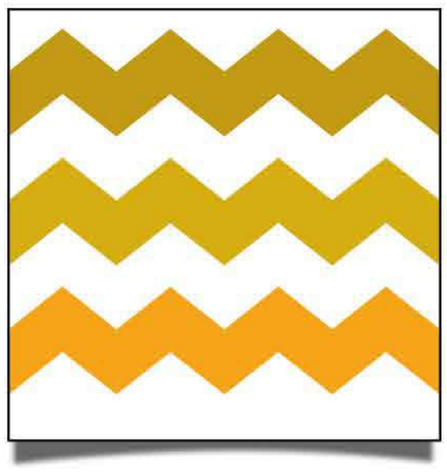
RONDINARA 165
REPEAT: H= 35.1cm | V= 37.07cm + 3%



RONDINARA 160
REPEAT: H= 35.1cm | V= 37.07cm + 3%



RONDINARA 010
REPEAT: H= 35.1cm | V= 37.07cm + 3%



RONDINARA 050
REPEAT: H= 35.1cm | V= 37.07cm + 3%



RONDINARA 051
REPEAT: H= 35.1cm | V= 37.07cm + 3%



KAPUTAS 090
REPEAT: H= 35.6cm | V= 46.18cm



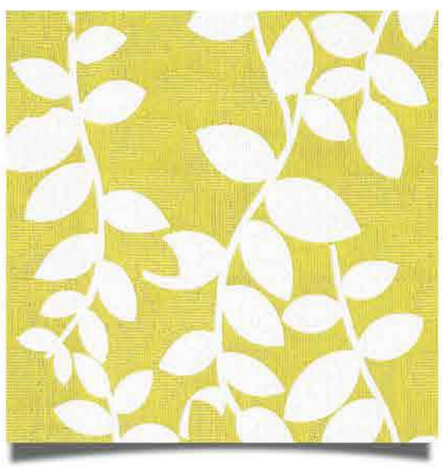
KAPUTAS 040
REPEAT: H= 35.6cm | V= 46.18cm



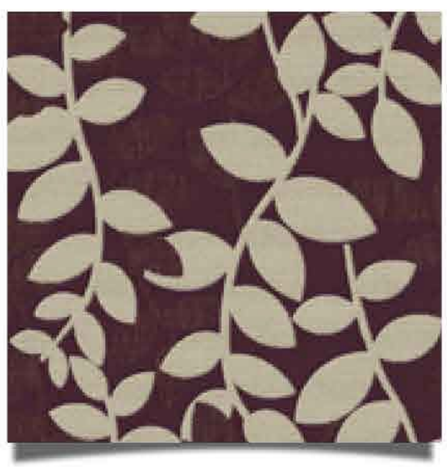
KAPUTAS 022
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 021
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 023
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 061
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 030
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 102
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 082
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 162
REPEAT: H= 35.6cm | V= 46.18cm



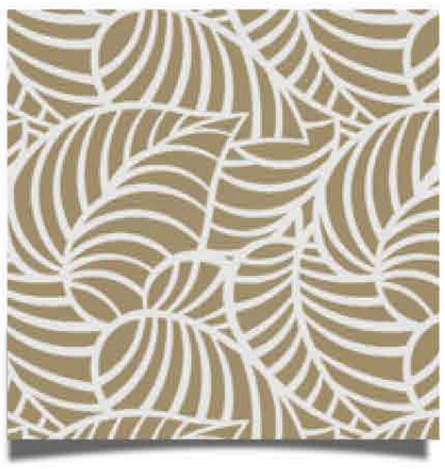
KAPUTAS 160
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 164
REPEAT: H= 35.6cm | V= 46.18cm



KAPUTAS 180
REPEAT: H= 35.6cm | V= 46.18cm



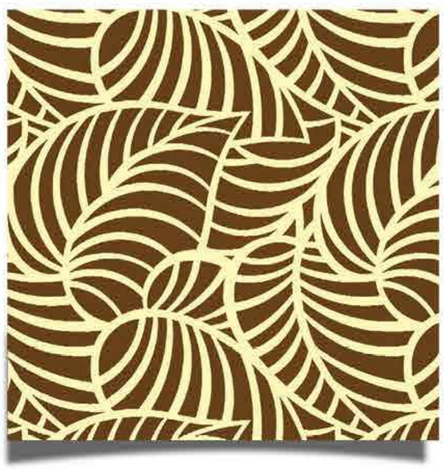
CORONADO 180
REPEAT: H= 35cm | V= 34cm



CORONADO 051
REPEAT: H= 35cm | V= 34cm



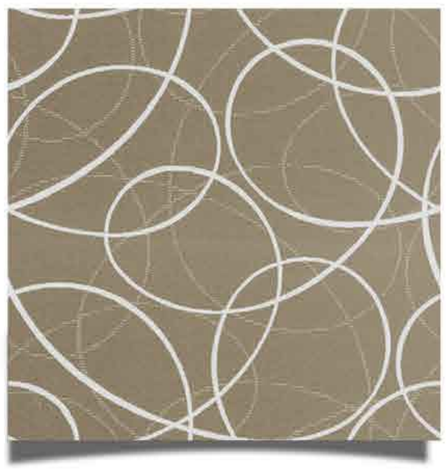
CORONADO 021
REPEAT: H= 35cm | V= 34cm



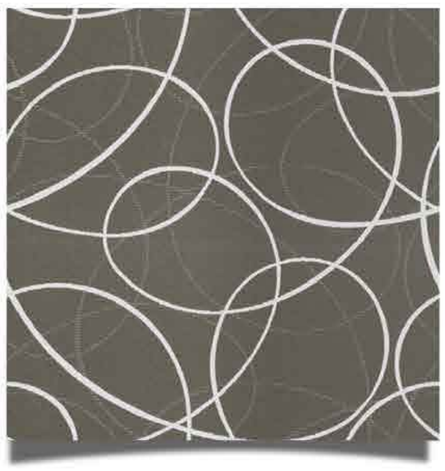
CORONADO 081
REPEAT: H= 35cm | V= 34cm



CORONADO 090
REPEAT: H= 35cm | V= 34cm



LAYTOWN 180
REPEAT: H= 34.2cm | V= 34.2cm



LAYTOWN 164
REPEAT: H= 34.2cm | V= 34.2cm



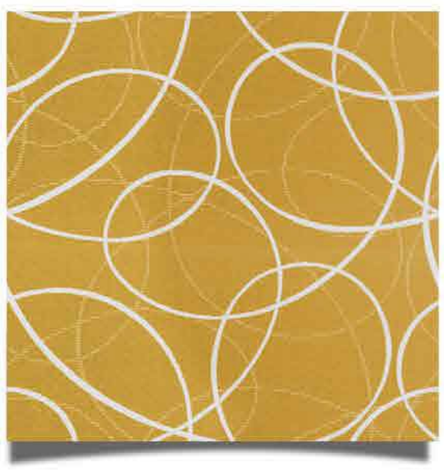
LAYTOWN 081
REPEAT: H= 34.2cm | V= 34.2cm



LAYTOWN 160
REPEAT: H= 34.2cm | V= 34.2cm



LAYTOWN 090
REPEAT: H= 34.2cm | V= 34.2cm



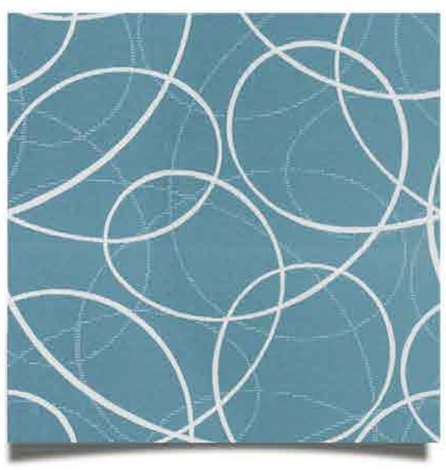
LAYTOWN 051
REPEAT: H= 34.2cm | V= 34.2cm



LAYTOWN 021
REPEAT: H= 34.2cm | V= 34.2cm



LAYTOWN 224
REPEAT: H= 34.2cm | V= 34.2cm



LAYTOWN 041
REPEAT: H= 34.2cm | V= 34.2cm



LAYTOWN 210
REPEAT: H= 34.2cm | V= 34.2cm

2018 - 2020
SYNTHETIC LEATHER FOR OUTDOOR

sunproof®

TECHNICAL TEXTILE FOR OUTDOOR

SUNPROOF | SYNTHETIC LEATHER

BRITTAS

COMPOSITION : 100% PVC
WIDTH : 137 cm
WEIGHT : 764 gr/m²
THICKNESS : 1.25 mm ± 0.05 mm

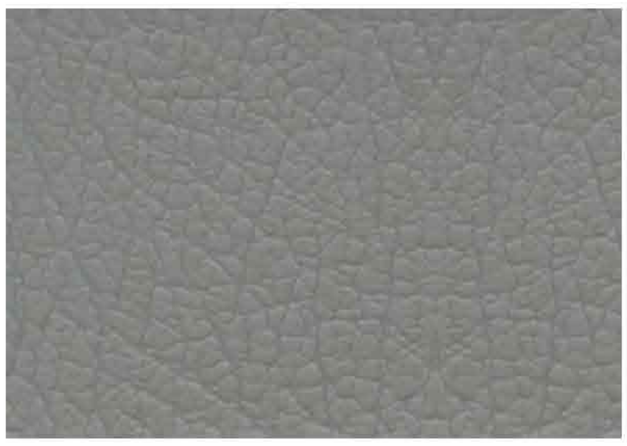
BRITTAS 130



BRITTAS 164



BRITTAS 140



BRITTAS 162



BRITTAS 160



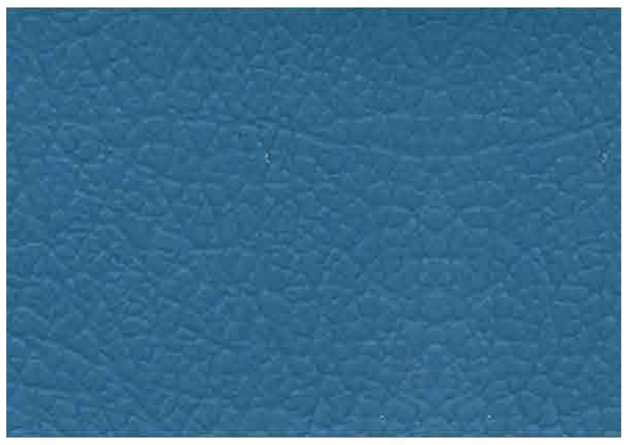
BRITTAS 161



BRITTAS 010



BRITTAS 021



BRITTAS 040



BRITTAS 060



BRITTAS 163



BRITTAS 080



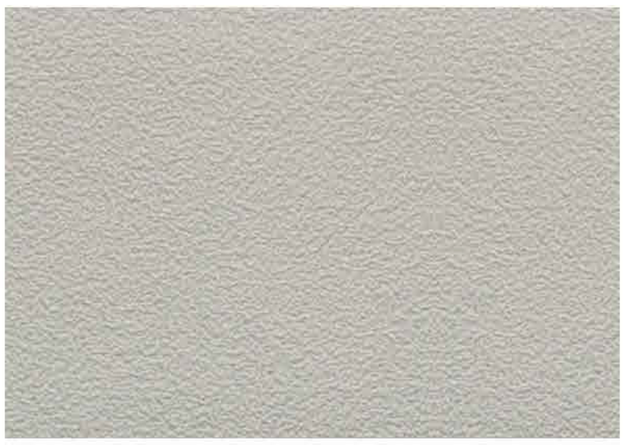
BRITTAS 090

SELLIN

COMPOSITION : 100% PVC
WIDTH : 137 cm
WEIGHT : 736 gr/m²
THICKNESS : 1.25 mm ± 0.05 mm



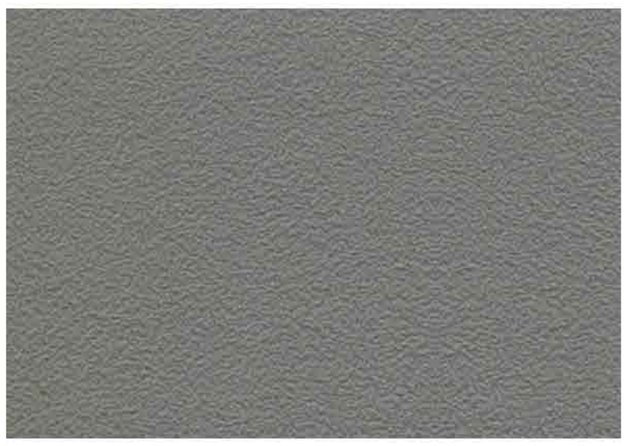
SELLIN 130



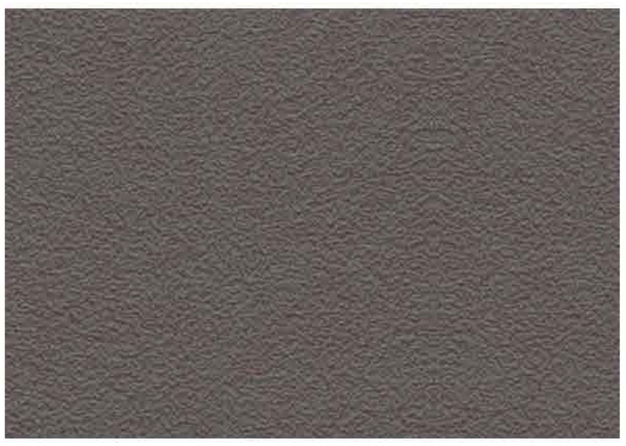
SELLIN 164



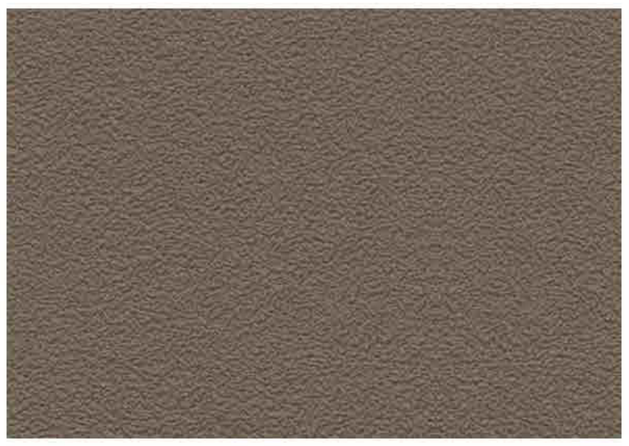
SELLIN 140



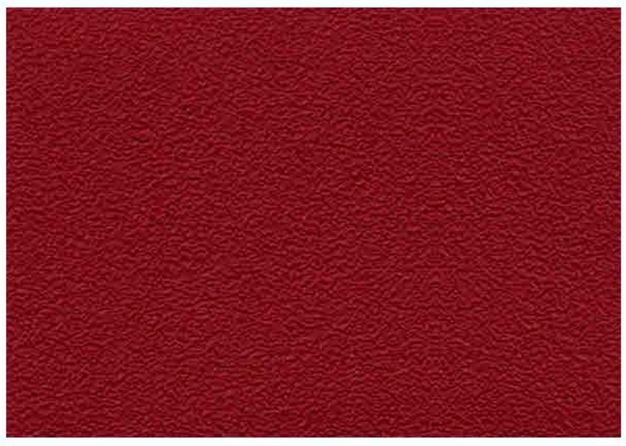
SELLIN 162



SELLIN 160



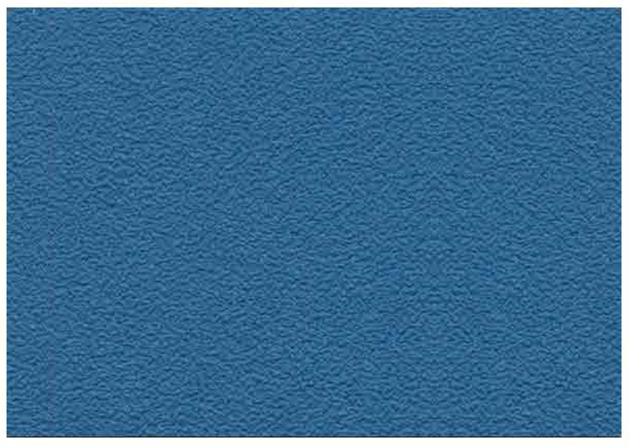
SELLIN 161



SELLIN 010



SELLIN 021



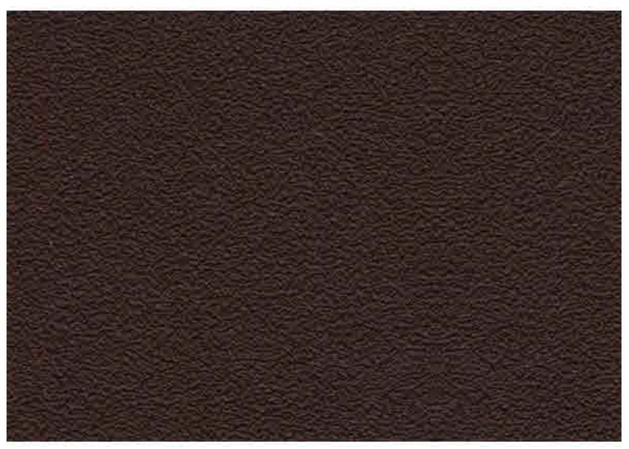
SELLIN 040



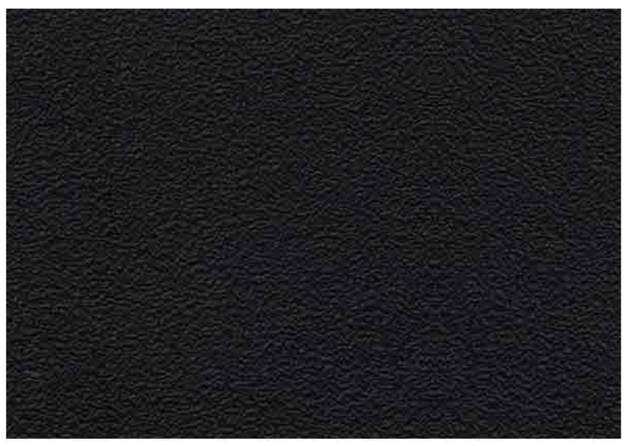
SELLIN 060



SELLIN 163



SELLIN 080



SELLIN 090

TECHNICAL DATA

DESCRIPTION		BRITTAS	SELLIN
Tensile Strength (EN ISO 1421)		Warp: 471 N Weft : 211 N	Warp: 597 N Weft : 467 N
Tear Strength (EN ISO 13937-3)		Warp: 37 N Weft : 45 N	Warp: 44 N Weft : 54 N
Bursting Strength (ISO 2286-2)		716 Kpa	1,327 Kpa
Abrasion Resistance (EN ISO 12947-2)		> 350,000 rubs	> 350,000 rubs
Color Fastness to Artificial Weathering (BS EN ISO 105 - B04)		8	8
Color Fastness to Rubbing (BS EN ISO 105 E02) - max 5	Dry Rubbing	Warp: 4-5 Weft : 4-5	Warp: 4 Weft : 4
	Wet Rubbing	Warp: 4-5 Weft : 4-5	Warp: 4-5 Weft : 4-5
Extreme Working Temperature (-30°C / +70°C)		Pass	Pass
Anti Mildew (AATCC 9144 & NCTC 8196)		Pass	Pass
Soil & Stain Release (AATCC 130)		5	5
Water Repellency : Spray Test (AATCC 22)		70	70
Hydrostatic Pressure Test (60mm/bar) (AATCC 128)		79	> 130
Weatherability (ASTM G53-96) - American Standard (hours)		1,000 hours	1,000 hours
FLAMMABILITY			
• Cigarette	(BS EN 1021 - 1)	Pass	Pass
• Match	(BS EN 1021 - 2)	Pass	Pass
• MVSS Horizontal	(MVSS 302)	Pass	Pass
• FAA Vertical	(FAA 25.853)	Pass	Pass



Stock may vary from sample in color & texture

repellence Protection

soil & stain Release

produced by:

ATEJA®

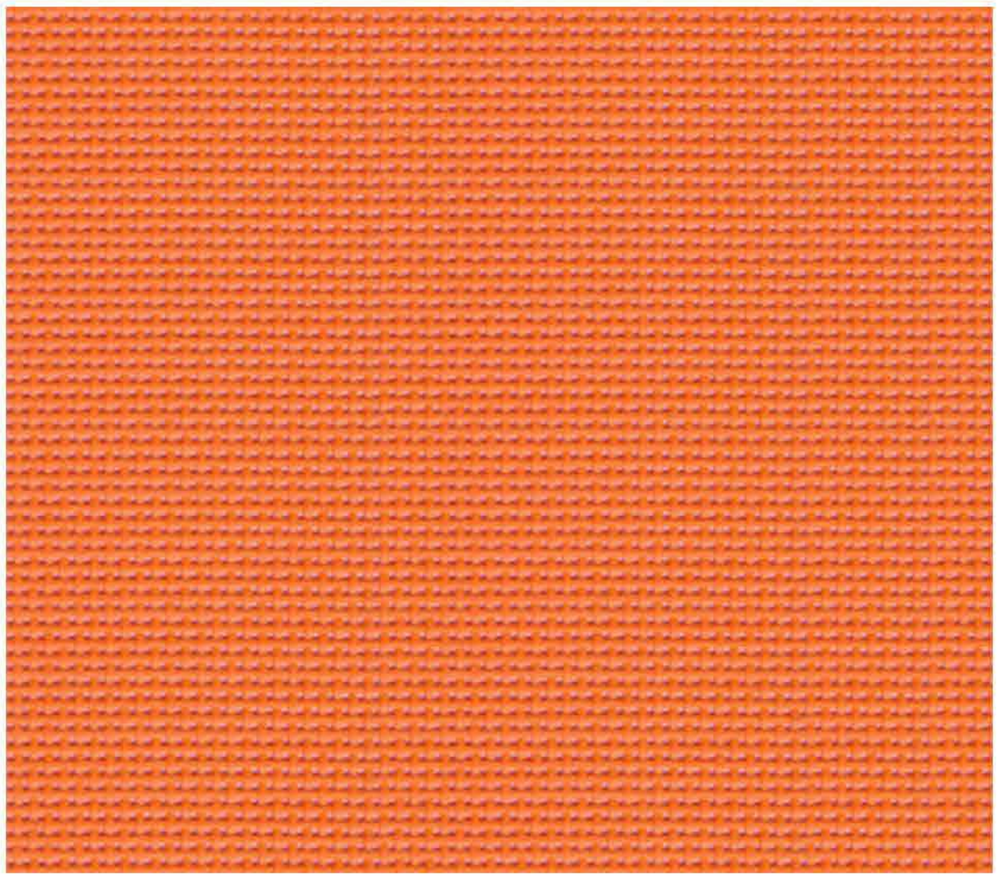
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2018 - 2020
SLING

sunproof®

TECHNICAL TEXTILE FOR OUTDOOR

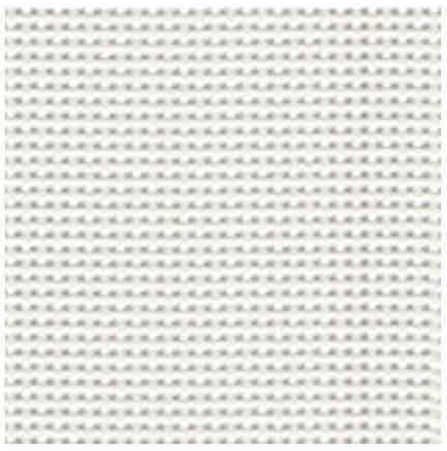
COMPOSITION : 30% Polyester, 70% PVC
WIDTH : 180cm
WEIGHT : 530 ± 5% gr/m²
ABRASION (Rubs) : >50.000



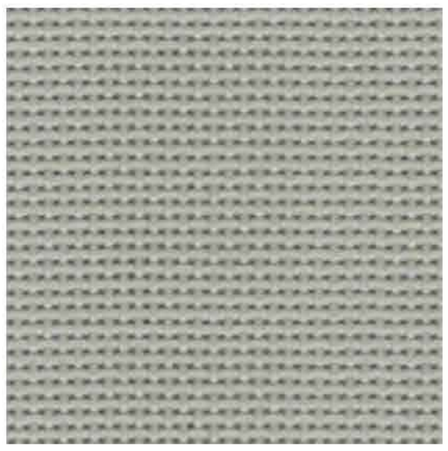
VASCO#R



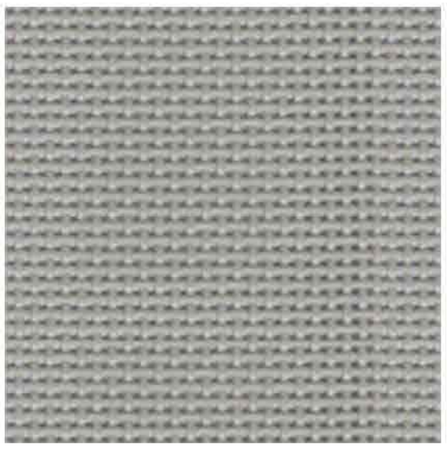
*VASCO#R 132 | 1010



VASCO#R 130 | 3030



VASCO#R 160 | 6060



VASCO#R 161 | 6161



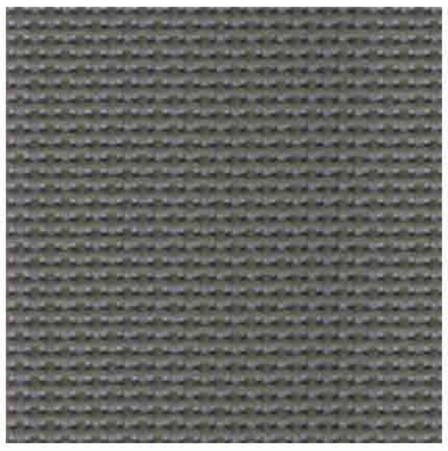
VASCO#R 162 | 6565



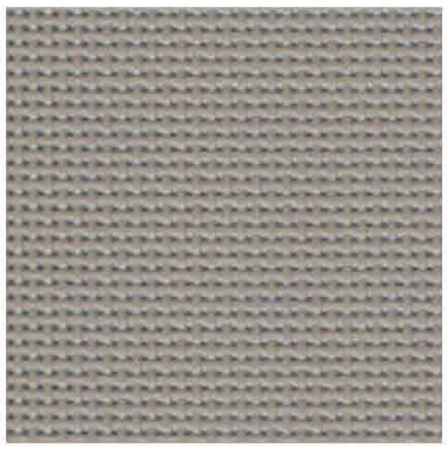
VASCO#R 170 | 6262



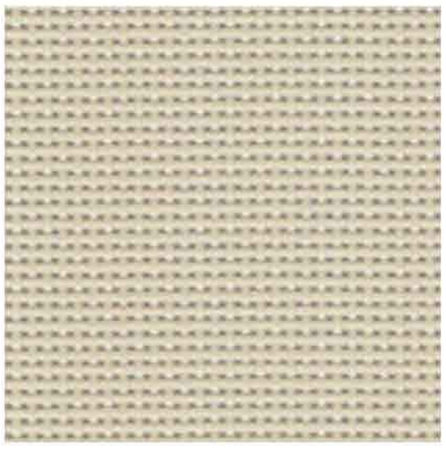
VASCO#R 090 | 9090



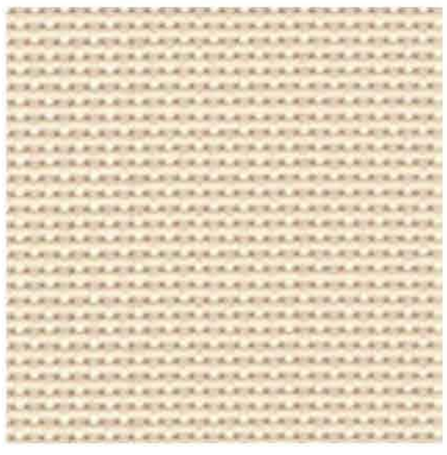
VASCO#R 163 | 5555



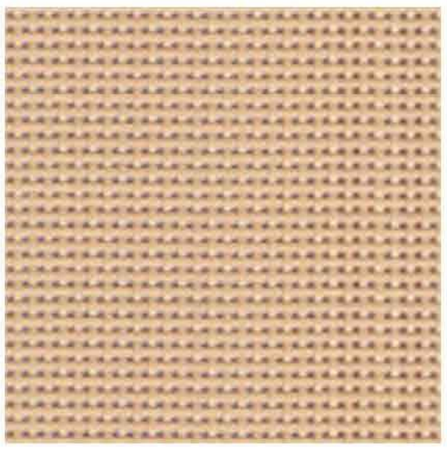
VASCO#R 180| 5151



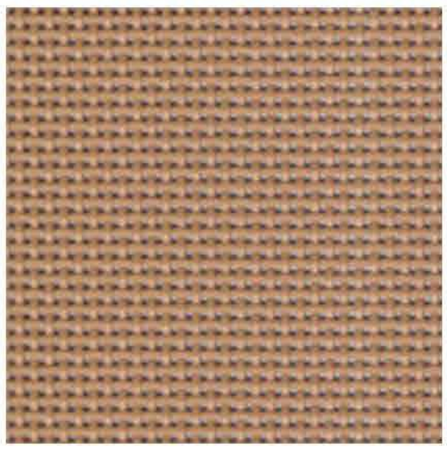
VASCO#R 140 | 4040



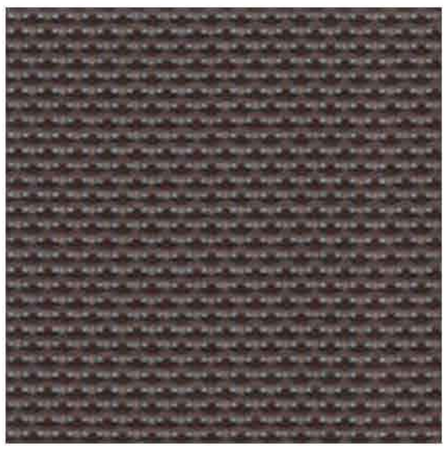
VASCO#R 142 | 4242



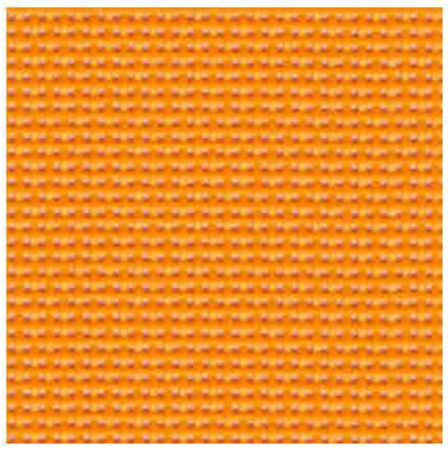
VASCO#R 141 | 4545



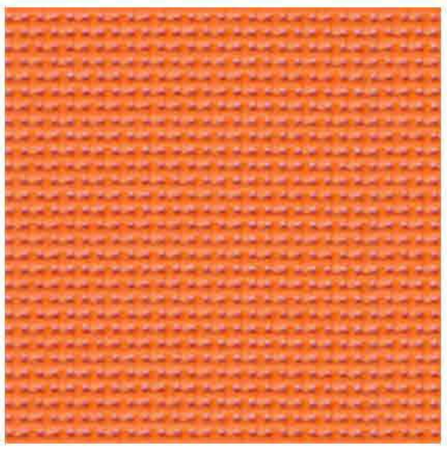
VASCO#R 150 | 5050



VASCO#R 080 | 8080

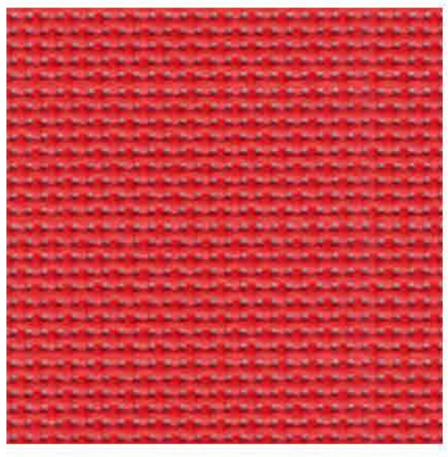


VASCO#R 050 | 4848

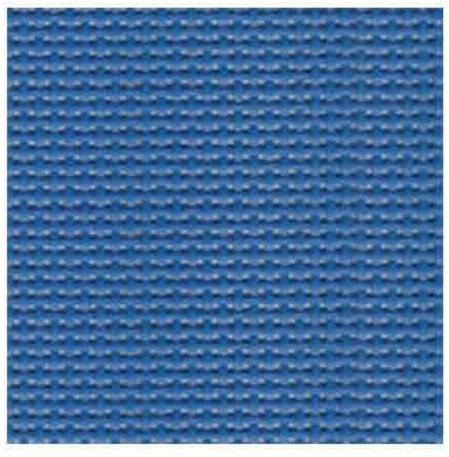


VASCO#R 100 | 5353

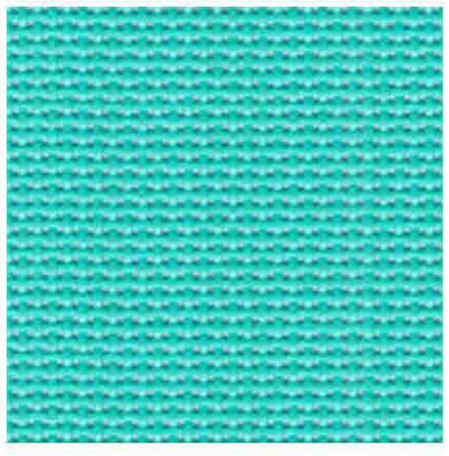




VASCO#R 010 | 2222

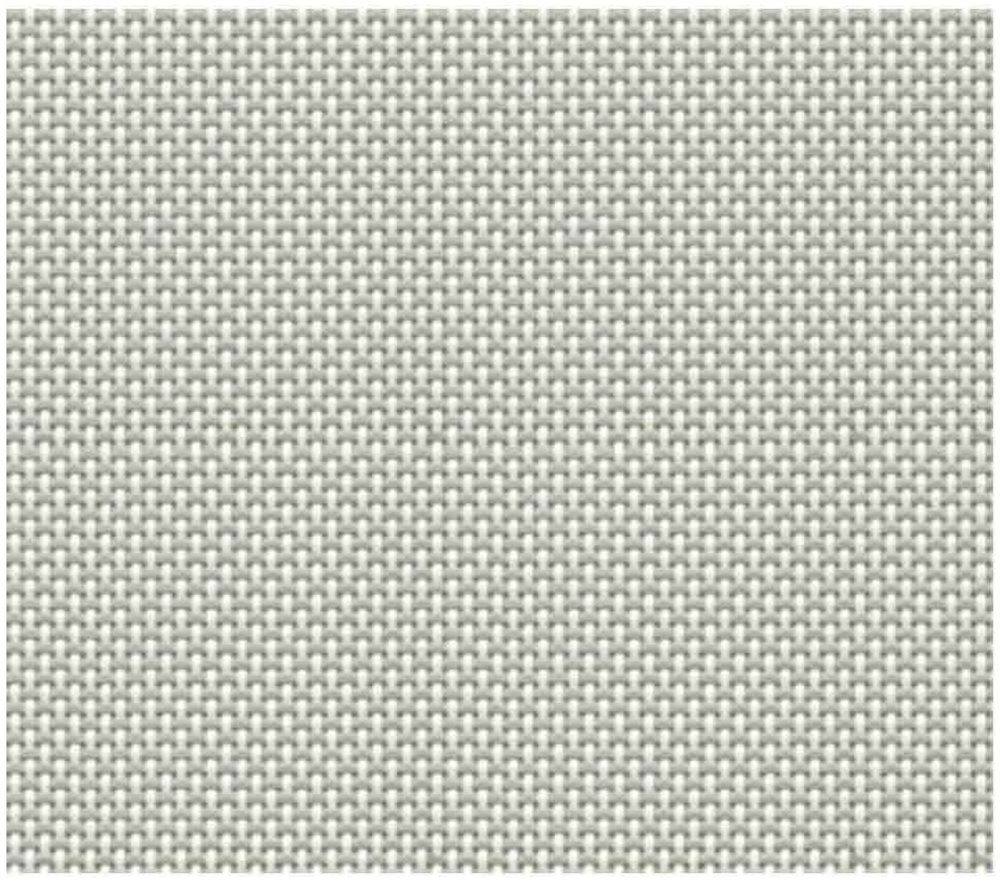


VASCO#R 210 | 7878

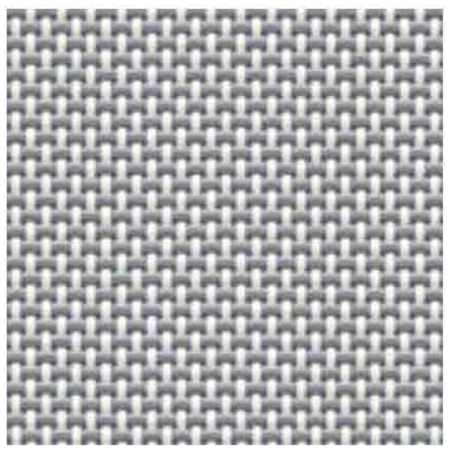


VASCO#R 120 | 1313

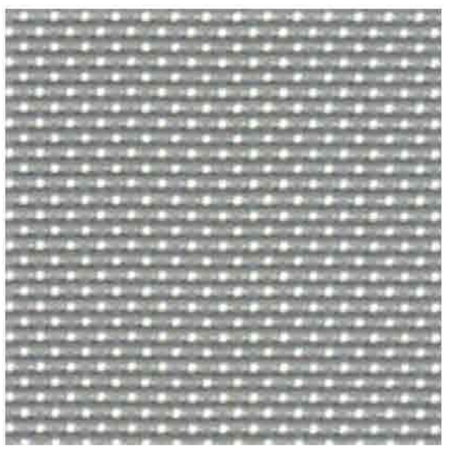
COMPOSITION : 30% Polyester, 70% PVC
WIDTH : 180cm
WEIGHT : 530 ± 5% gr/m²
ABRASION (Rubs) : >50.000



OSTEND#R



OSTEND#R 160 | 3065



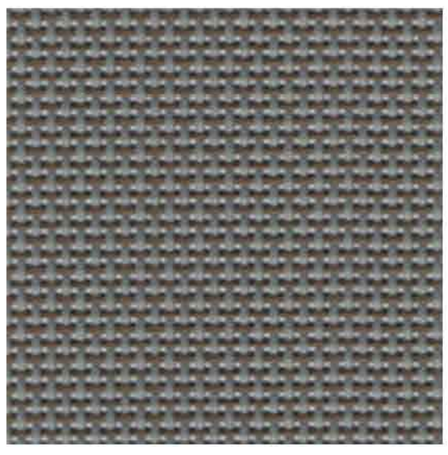
OSTEND#R 161 | 1065



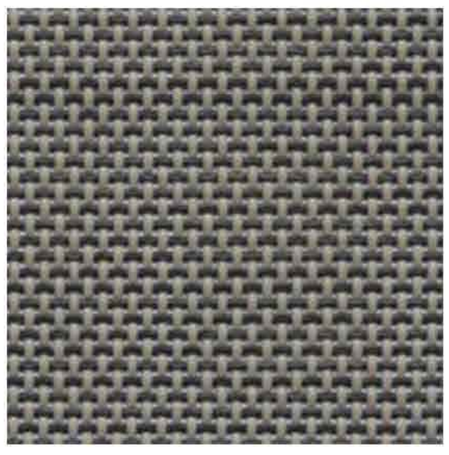
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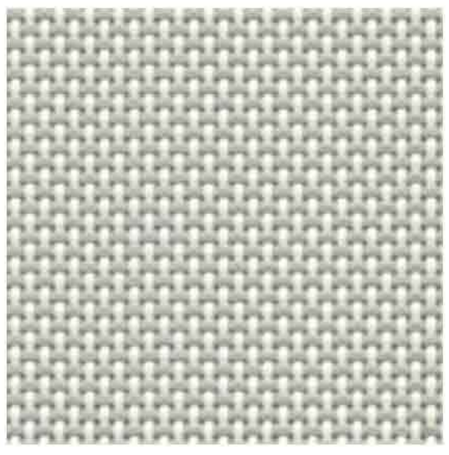
OSTEND#R 092 | 6590



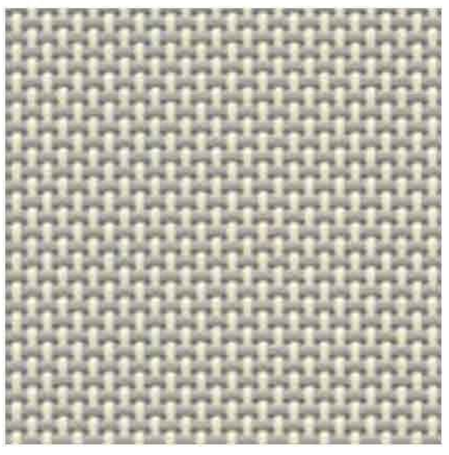
OSTEND#R 162 | 6580



OSTEND#R 181 | 5190



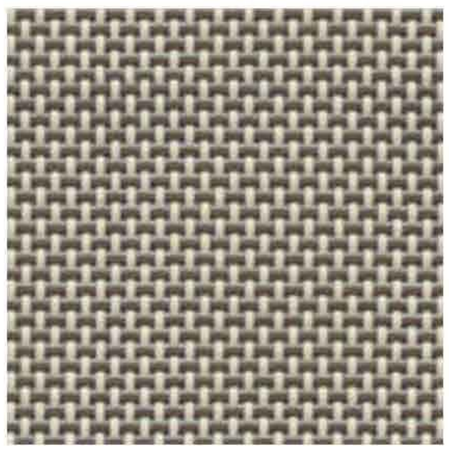
OSTEND#R 133 | 3060



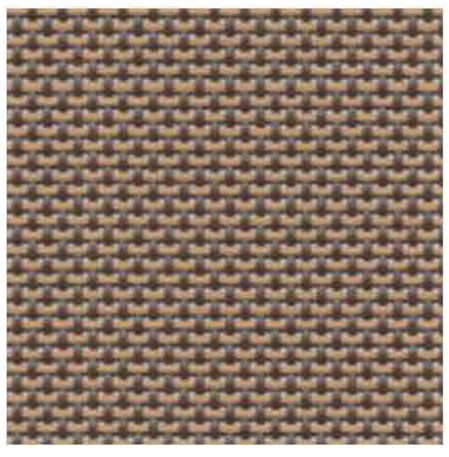
OSTEND#R 163 | 6142



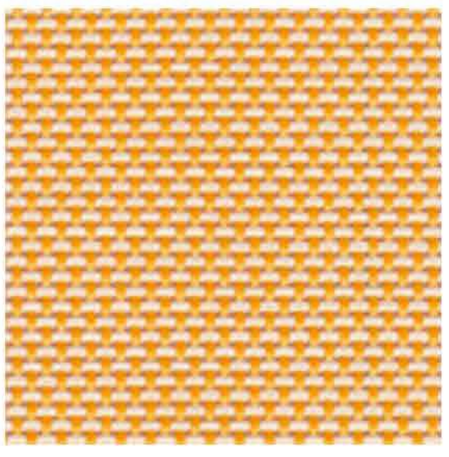
OSTEND#R 180 | 4051



OSTEND#R 080 | 4080

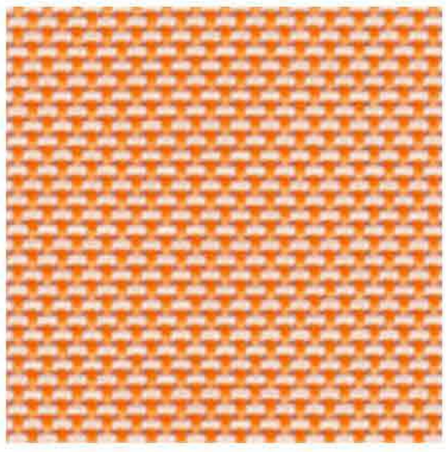


OSTEND#R 182 | 5080

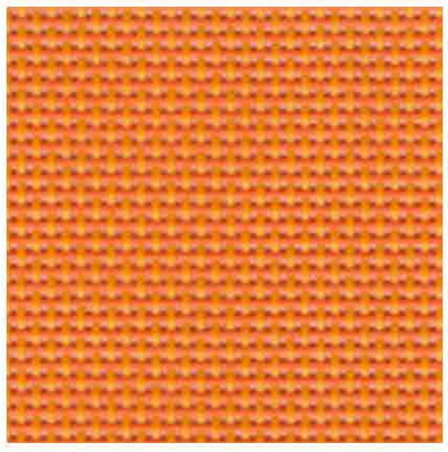


OSTEND#R 050 | 4842

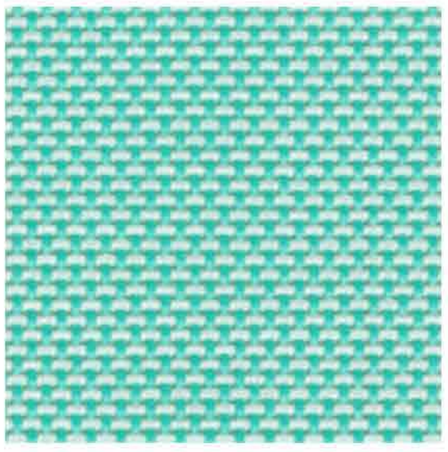
SUNPROOF | SLING



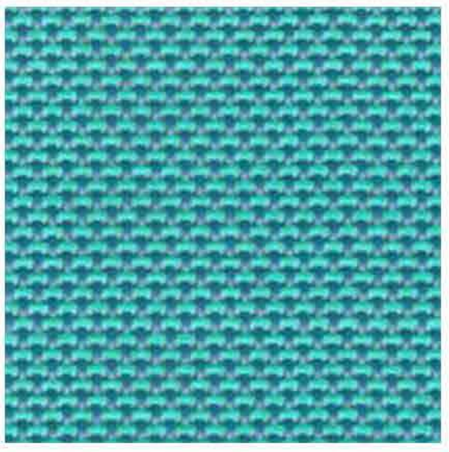
OSTEND#R 101 | 5342



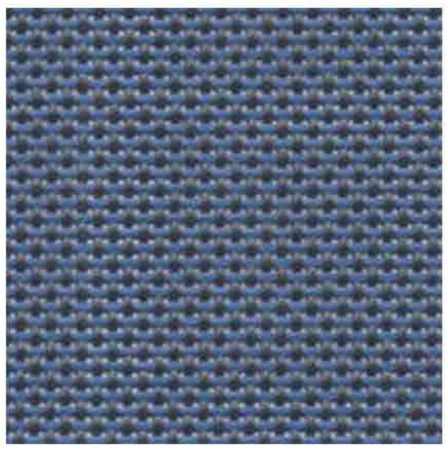
OSTEND#R 100 | 4853



OSTEND#R 221 | 7842

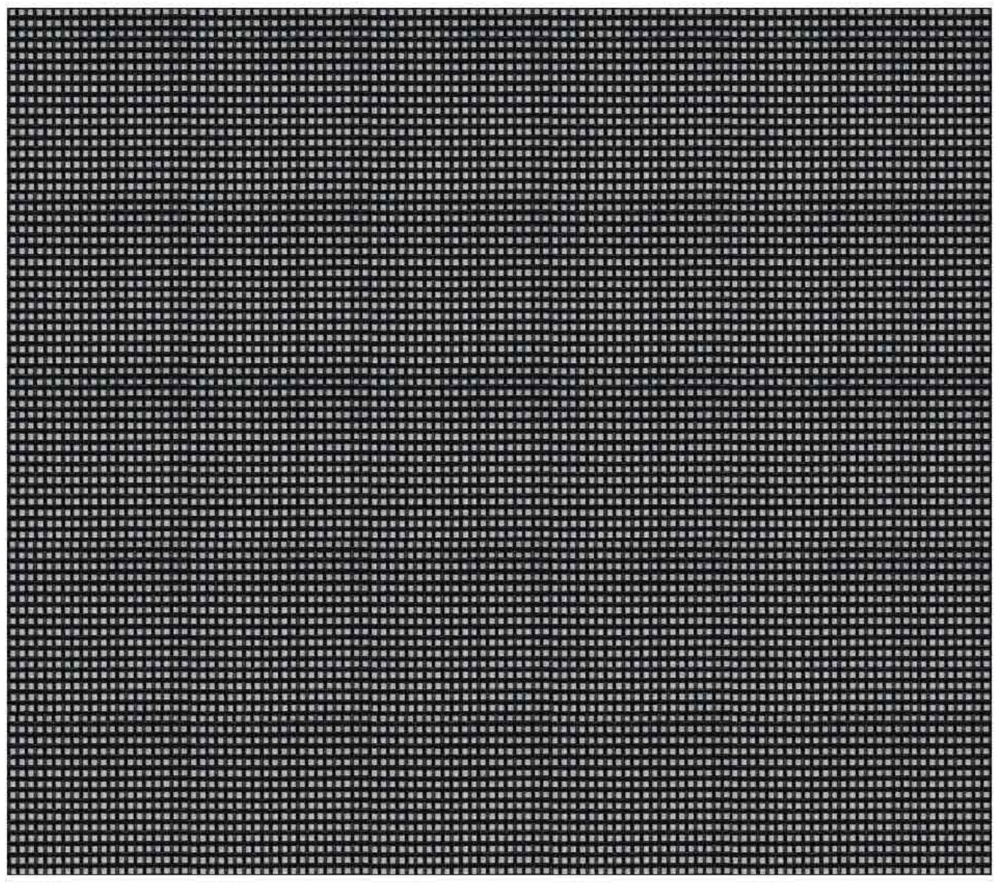


OSTEND#R 040 | 1378



OSTEND#R 122 | 1390

COMPOSITION : 30% Polyester, 70% PVC
WIDTH : 180cm
WEIGHT : 335 ±5% gr/m²
ABRASION (Rubs) : >50.000

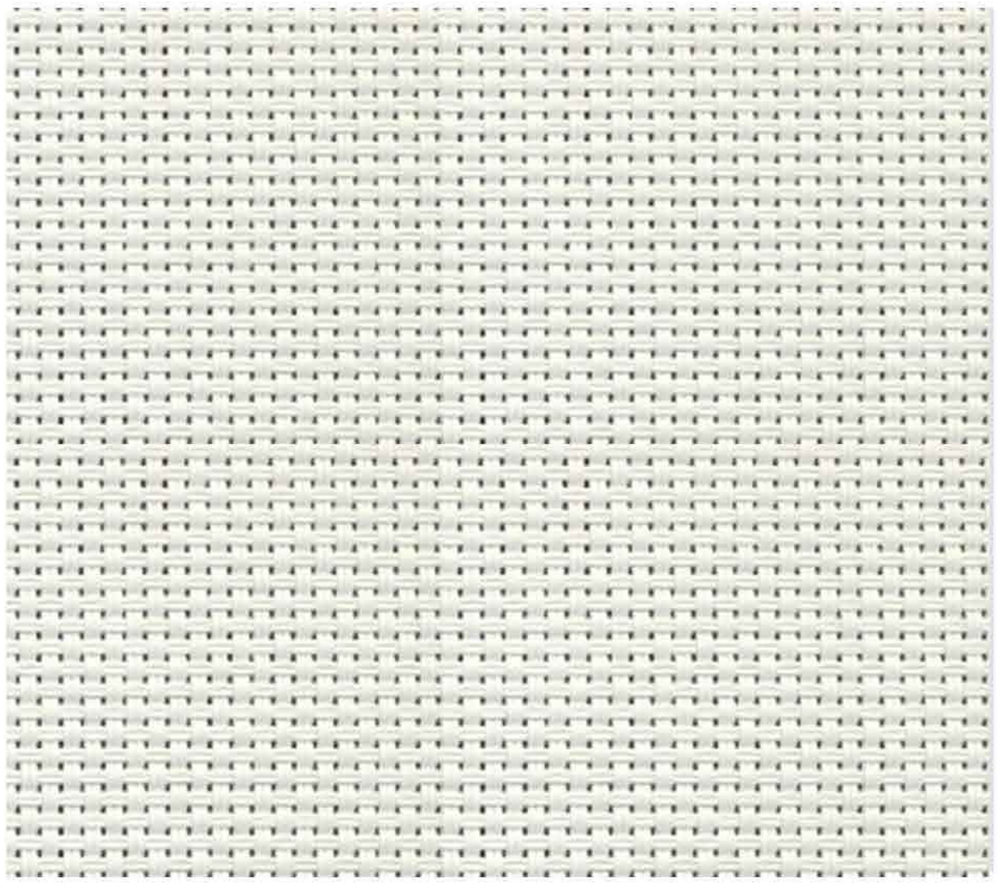


VARCA 090 | 9090





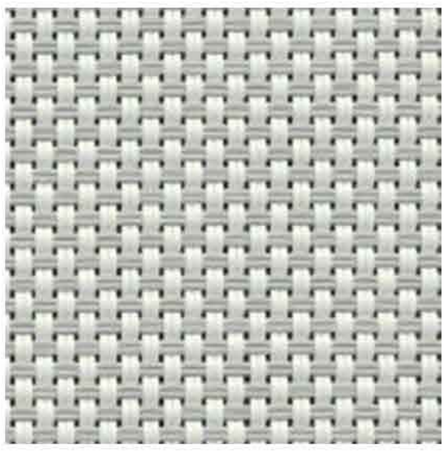
COMPOSITION : 30% Polyester, 70% PVC
WIDTH : 180cm
WEIGHT : 734 ±5% gr/m²
ABRASION (Rubs) : >50.000



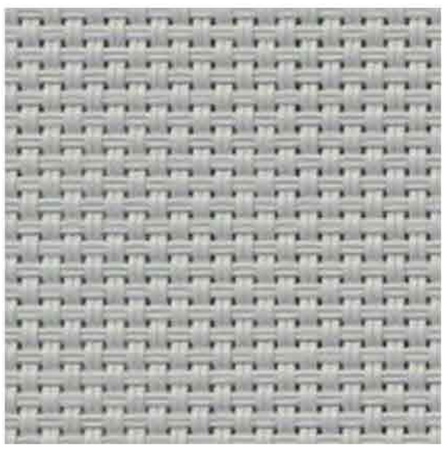
TRAMORE



TRAMORE 130 | 3030



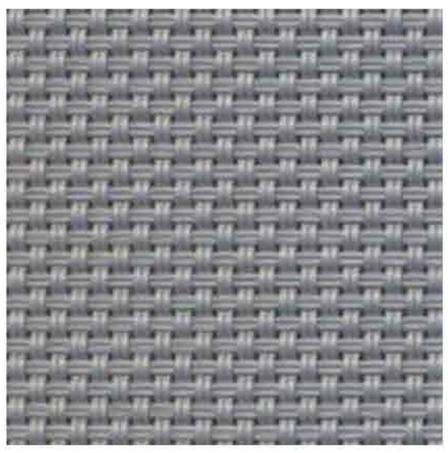
TRAMORE 131 | 3060



TRAMORE 160 | 6060



TRAMORE 161 | 6161



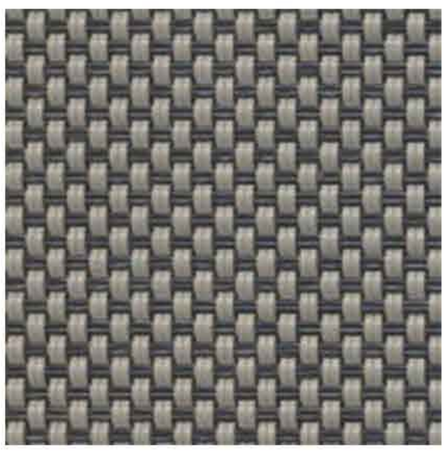
TRAMORE 162 | 6565



TRAMORE 091 | 6590



TRAMORE 090 | 9090



TRAMORE 092 | 5190



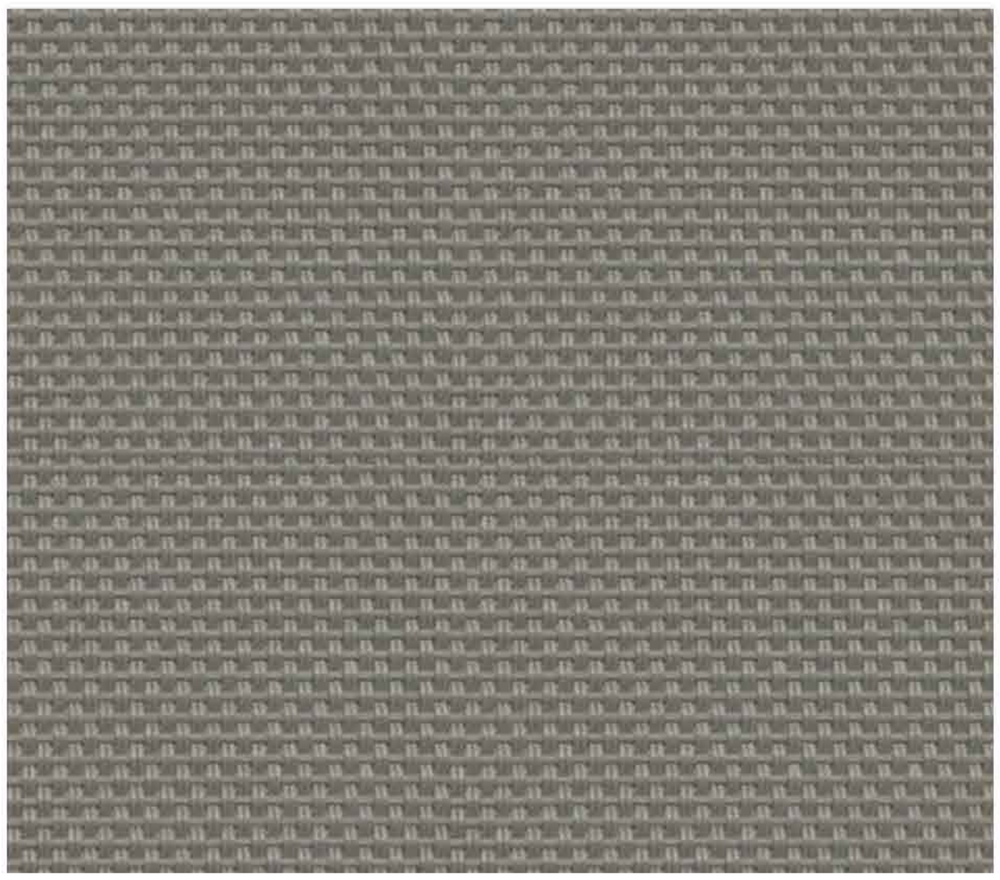
TRAMORE 180 | 5151



TRAMORE 163 | 5555



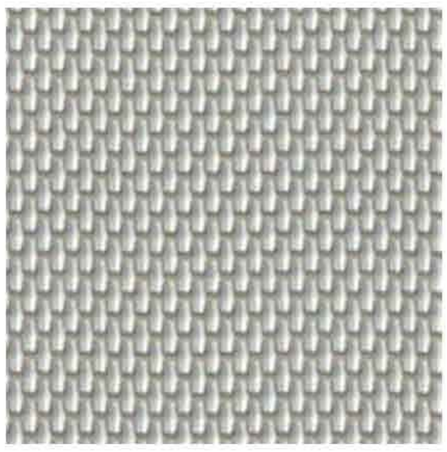
COMPOSITION : 30% Polyester, 70% PVC
WIDTH : 180cm
WEIGHT : 613 ± 5% gr/m²
ABRASION (Rubs) : >50.000



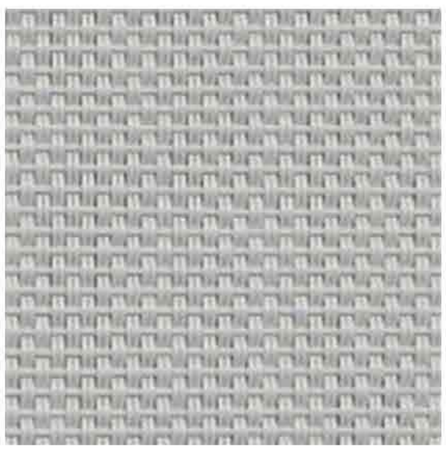
GREYSTONE#R



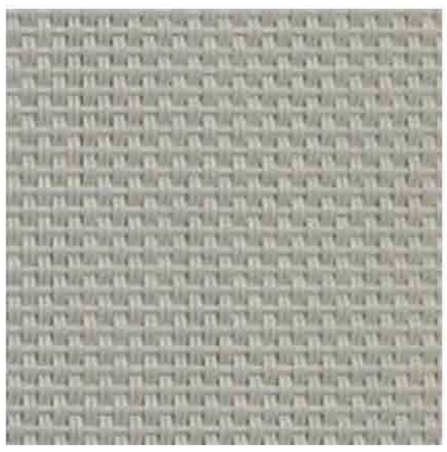
GREYSTONE#R 130 | 3030



GREYSTONE#R 164 | DL01



GREYSTONE#R 160 | 6060



GREYSTONE#R 161 | 6161



GREYSTONE#R 162 | 6565



GREYSTONE#R 091 | 6590



GREYSTONE#R 090 | 9090



GREYSTONE#R 163 | 5555



GREYSTONE#R 180 | 5151

INCOMPARABLE PERFORMANCE

- Three Years Warranty Under Normal Usage
- Ultra Violet Resistance, ASTM G53-96
- Flame Retardant, BS EN 1021-1 & 2
- Anti Mould Stain & Fungi, BS EN ISO 846 : 1997
- Non Toxic Heavymetal Free
- Phthalate Free
- VOC Free
- Formaldehyde Free
- Printable
- Breathable, Allow the Air to Flow Through
- Easy Maintenance and Washable

TECHNICAL DATA

DESCRIPTION	VASCO#R	OSTEND#R	VARCA#R	TRAMORE	GREYSTONE#R
Breaking Strength [daN / 5cm] (ISO 1421, Strip Test Method)					
Warp	190	190	121	323	213
Weft	171	171	97	305	147
Elongation Under Load 20 daN [%] (ISO 1421)					
Warp	4.5	4.5	3	4	3
Weft	2.5	2.5	2.5	2.5	2.5
Tear Strength [daN] (DIN 53363)					
Warp	30	30	33	56	29
Weft	34	34	27	51	28
Color Fastness to Artificial Weathering [grade] (ISO 105 : B04)	8	8	8	8	8
Antifunginal (BS EN ISO 846 : 1997)	Pass	Pass	Pass	Pass	Pass
Extreme Light Stability [hours] (ASTM G53-96)	2,000	2,000	2,000	2,000	2,000
FLAME RETARDANT *					
• Cigarette (BS EN 1021 - 1)	Pass	Pass	Pass	Pass	Pass
• Match (BS EN 1021 - 2)	Pass	Pass	Pass	Pass	Pass
• NFPA 701-2010	Pass	Pass	Pass	Pass	Pass
Extreme Working Temperature	Pass	Pass	Pass	Pass	Pass
Oekotex Standard 100	Pass	Pass	Pass	Pass	Pass
Management Quality System	ISO 9001	ISO 9001	ISO 9001	ISO 9001	ISO 9001
Environmental Management System	ISO 14001	ISO 14001	ISO 14001	ISO 14001	ISO 14001

* Vasco#R - 132 | 1010 FR Standard BS EN 1021 -1

Stock may vary from sample in color & texture

GREENGUARD GOLD

3 Years Warranty · UV Resistance · Fire Retardant · Anti Moulding · Non Toxic Heavymetal Free · Phthalate Free

VOC Free · Formaldehyde Free · Printable · Breathable · Easy Maintenance

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

produced by: ATEJA®

www.sunproof.co.id

the ULTIMATE SOFT TOUCH

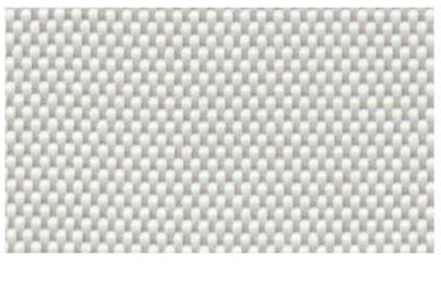
sunproof

TECHNICAL TEXTILE FOR OUTDOOR

01 NEW CARTENZA

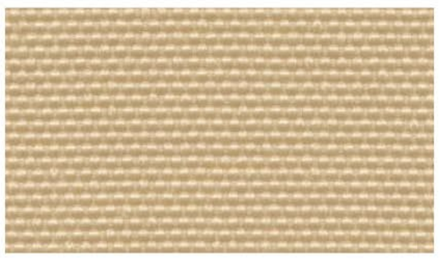
COMPOSITION : 100% Olefin
WIDHT : 150 cm
WEIGHT : 231 ± 12 gr/m²
ABRASION : 14,000 rubs

130


164


167


144


142

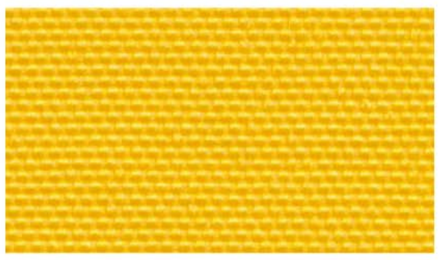

181

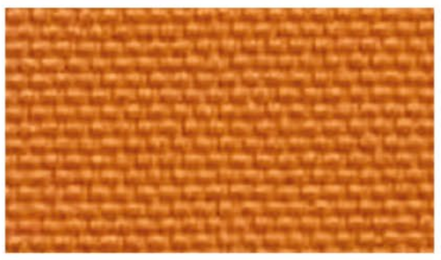

180


161


090

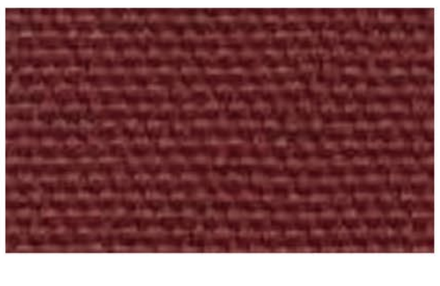

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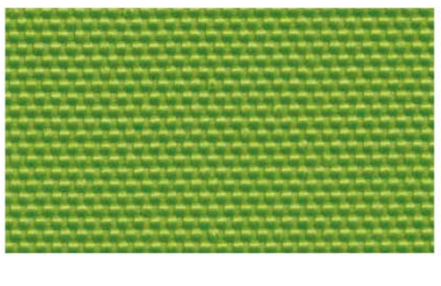

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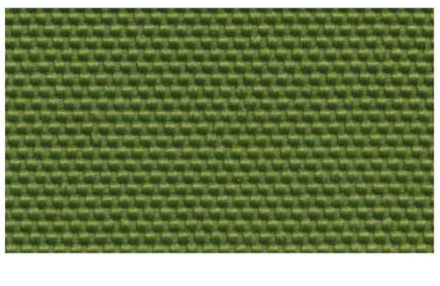

101


010

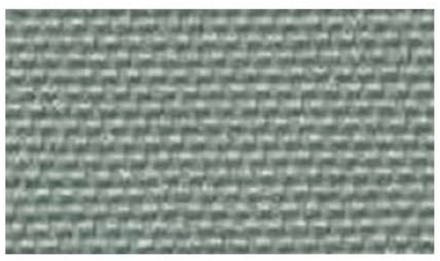

011

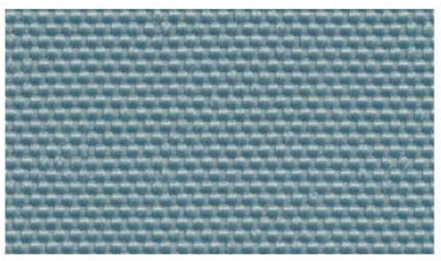

030


021

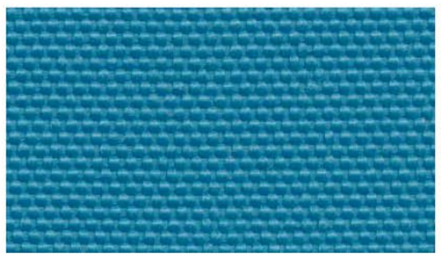

070


230

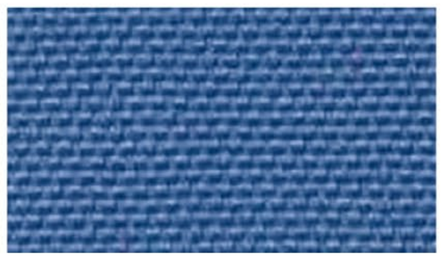

220


042

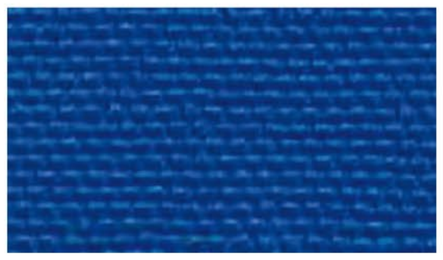

211



210



040



044



122

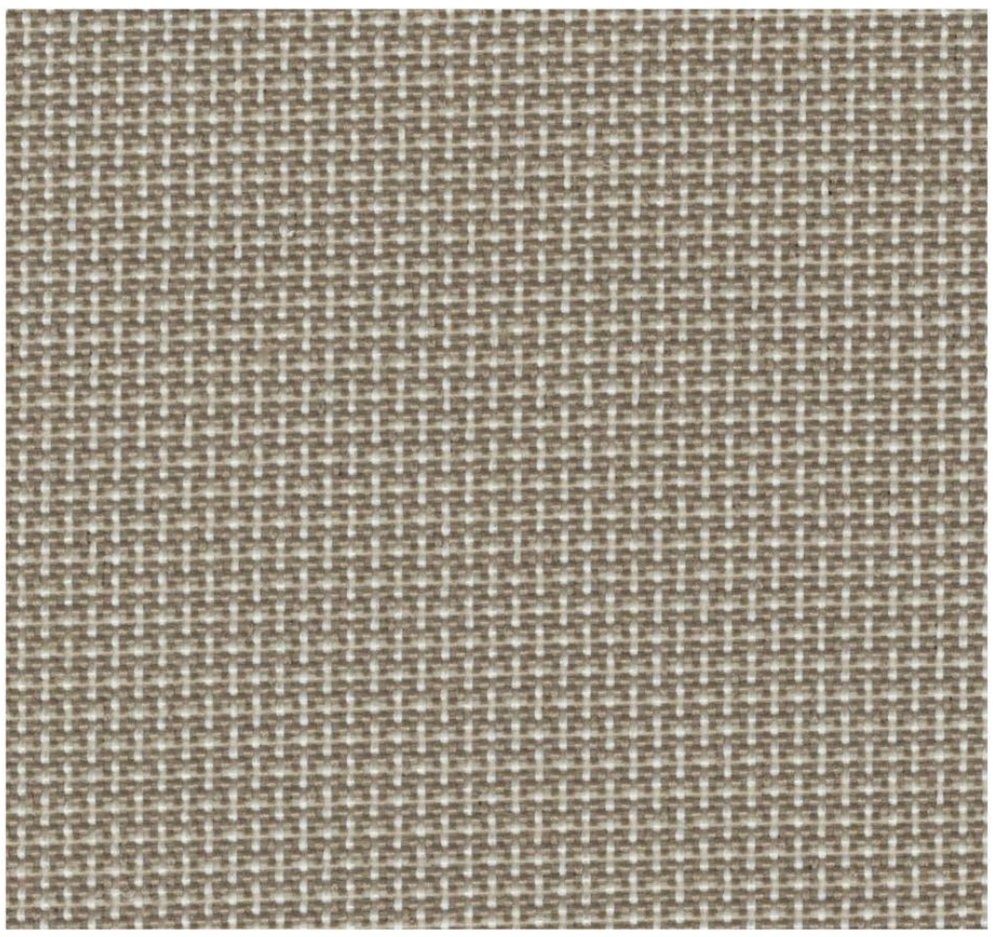


121



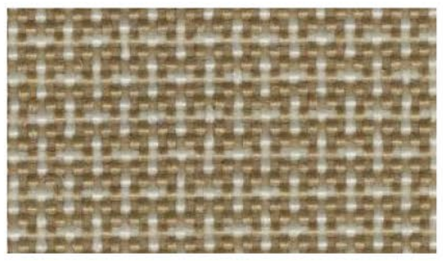
060

02 MAHANA

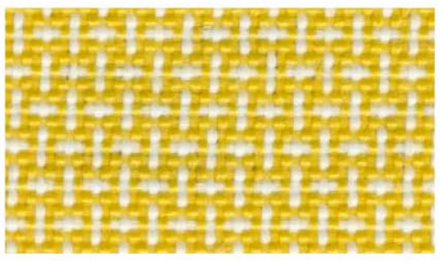


144

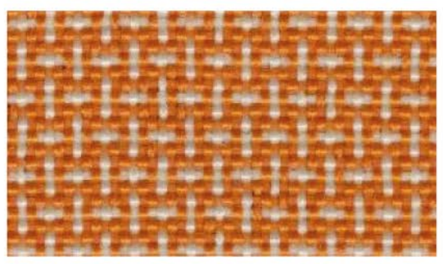
COMPOSITION : 100% Olefin
WIDHT : 150 cm
WEIGHT : 176 ± 9 gr/m²
ABRASION : 12,000 rubs



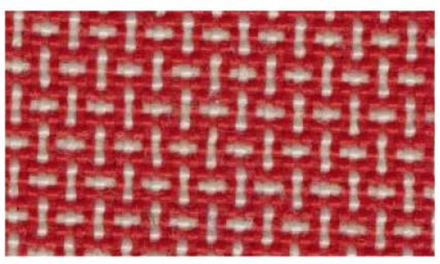
181



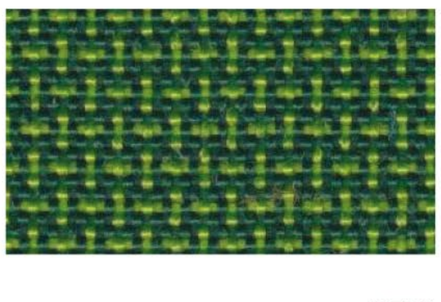
050



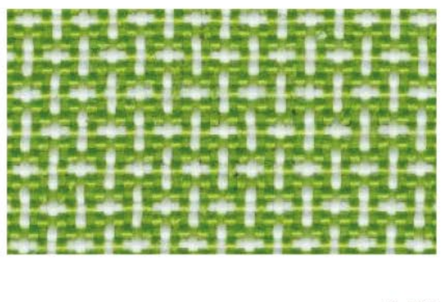
101



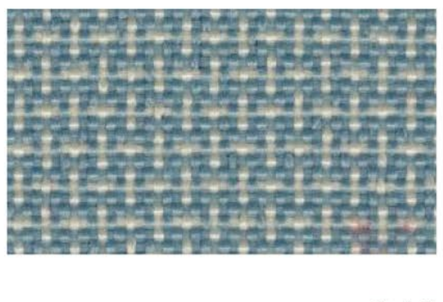
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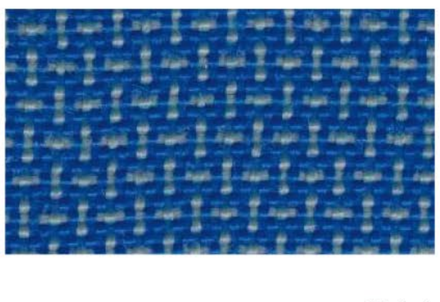
230



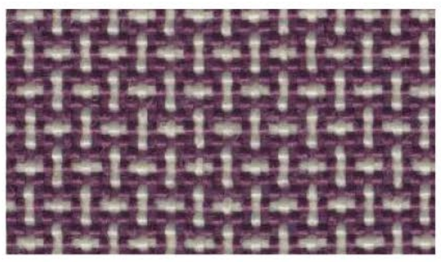
021



042



044



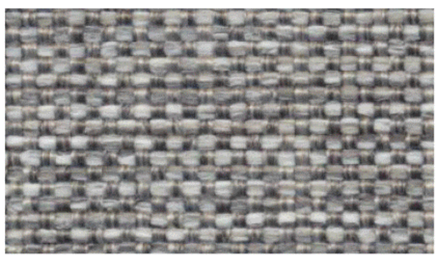
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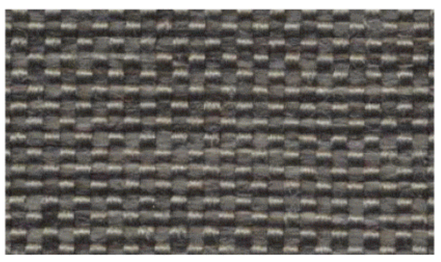
03 NEW SOUTHEND

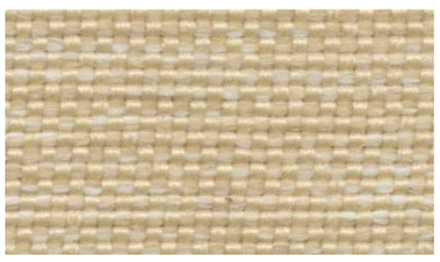
COMPOSITION : 100% Olefin
WIDHT : 150 cm
WEIGHT : 294 ± 15 gr/m²
ABRASION : 20,000 rubs

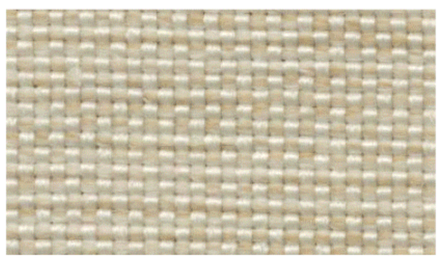

130

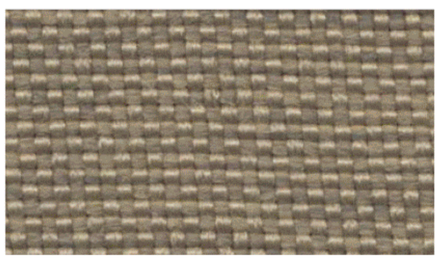

164

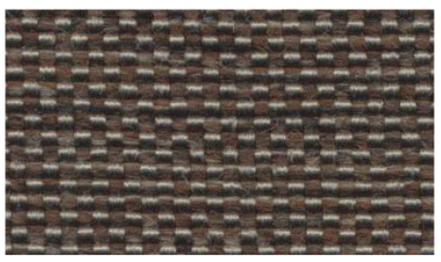

161

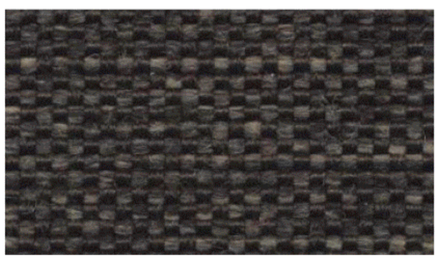

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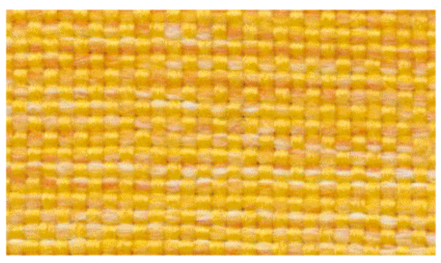

140

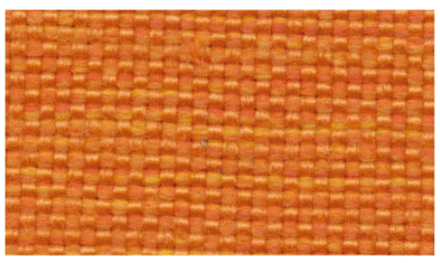

141

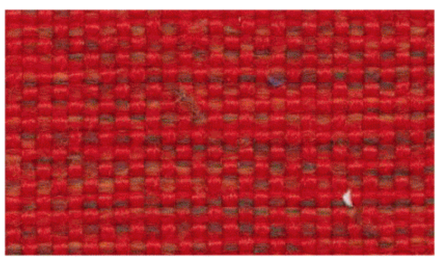

168

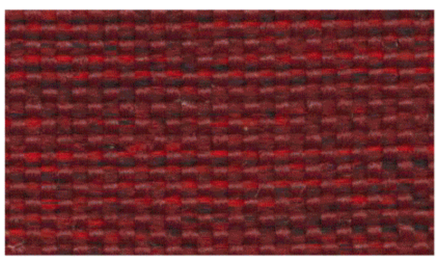

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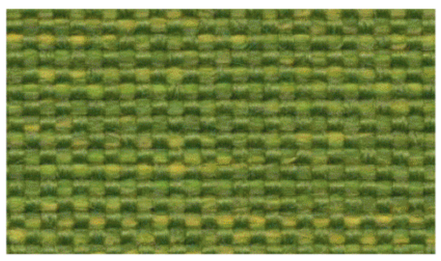

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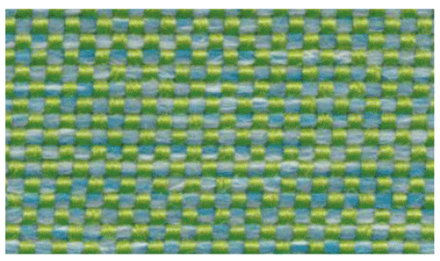

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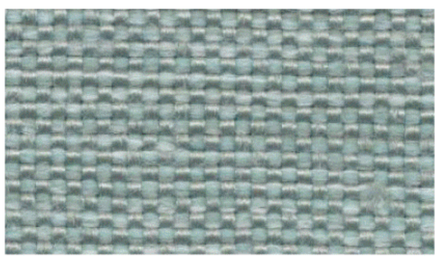

100

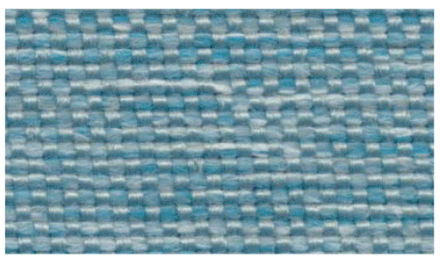

010


030

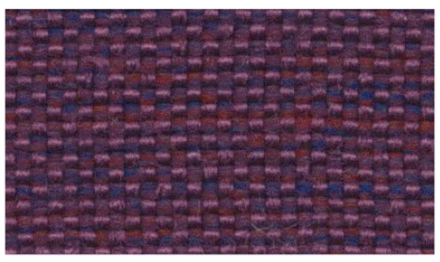

020


025


221


040

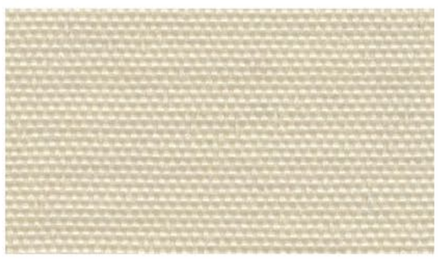

120

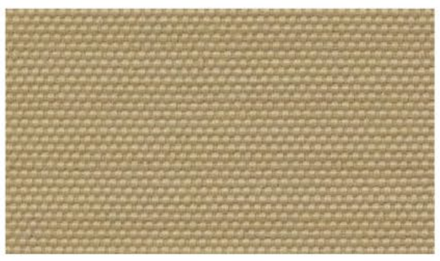

060

04 VALTOS

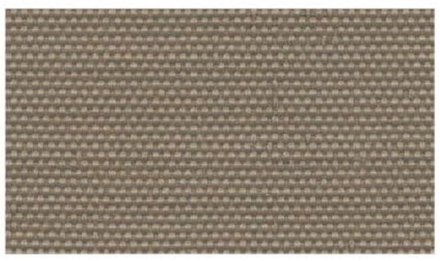
COMPOSITION : 100% Olefin
WIDHT : 150 cm
WEIGHT : 194 ± 10 gr/m²
ABRASION : 20,000 rubs

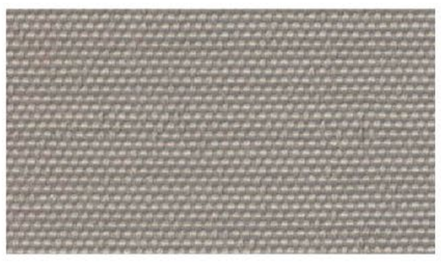
130


143


180


181


161


165

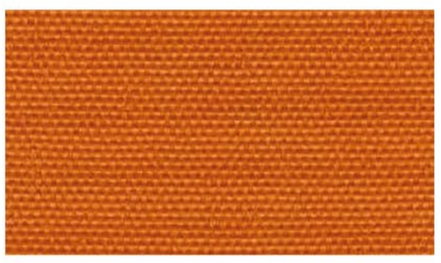

163


167


090

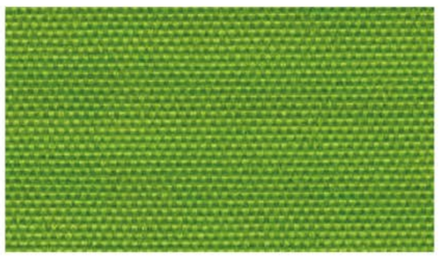

080


050

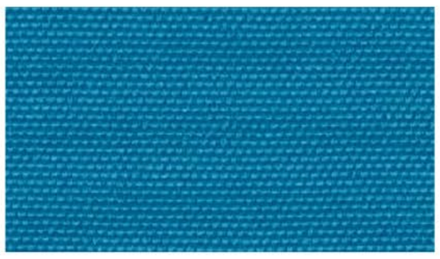

101


010


011


021


230


210


040


044


121


060

05 TAVIRA

COMPOSITION : 100% Olefin
WIDHT : 150 cm
WEIGHT : 253 ± 12 gr/m²
ABRASION : 25,000 rubs



180



051



103



021



043



121

UV Resistance
Water Repellency
Anti Bacterial
Environmental Friendly
Recyclable

Hygiene Protection

Safe for your health. Sunproof fabric is specially treated with sanitized product for hygiene protection. This product inhibits microbial developments and mould stains.

Outstanding Color Fastness

Strong color fastness to artificial weathering. Some fabrics if exposed to sunlight for an extended period will fade or lose their intensity of color.

Superb UV Protection

High UV Protection rating. Sunproof fabric has gone through high quality of testing and evaluated by an internationally recognized research and service centre, the Hohenstein Institute, Germany.

Proven Quality. Sunproof has obtained UV Standard 801 certificate - protect 80 which means it is capable of blocking more than 97% UV Ray.

Environmental Friendly

Woven from 100% solution dyed olefin yarn. Sunproof has chosen to use the premium quality of Solution Dyed Olefin. Solution dyeing is a clean manufacturing process as the color is added before the yarn is extruded. It is friendly to the environment because no dye bath processes are used, eliminating waste effluents, which may pollute air and water. Sunproof fabric is 100% recyclable.

Wide Range of Colors & Designs

Sunproof provides choices. Every individual may have different taste and different color preferences. Therefore, wide variety of designs and colors are launched to the market to suit your needs.

Let us be a trend setter. Sunproof makes every effort to be the leader in providing you new colors and designs one-step-ahead of others.

Excellent Weatherability

Resistant to UV damage and fading. Sunproof applies excellent ultraviolet blocking agents which protect polymer backbone of the fabric from the effect of UV radiation.

Perfect for all outdoor applications. Therefore as an outdoor fabric, Sunproof is proven to have a strong ability to withstand the effects of prolonged exposure to sunlight, wind, rain and humidity. It is long lasting.

Easy Maintenance

Extreme stain resistant. Sunproof fabric is carefully processed and has gone through a special treatment to reduce the fabric absorption of soil and stains. It keeps the fabric looking clean, fresh and new.

Water repellent. Sunproof fabric is protected by an invisible shield around each of its fiber to keep the fabric dry and clean. It is a natural anti adhere.

Safe for Direct Skin Contact

Sunproof is Oeko - Tex certified. Oeko - Tex is the world's leading ecolable for textile. Being Oeko - Tex certified means Ateja Sunproof fabric are free of substances which might be harmful to humans and environment.

TECHNICAL DATA

DESCRIPTION		NEW CARTENZA	NEW SOUTHEND	VALTOS	MAHANA	TAVIRA
Tensile Strength [N]						
EN ISO 13934 - 1						
- Warp		1,600	1,600	1,700	1,200	1,300
- Weft		610	1,400	1,000	800	1,100
Tear Strength [N]						
EN ISO 13937 - 3						
- Warp		151	140	124	75	150
- Weft		60	140	70	60	70
Seam Slippage [mm]						
prEN ISO 13936 - 2 (Load applied 180 N)						
- Warp		4	5	3	4	4
- Weft		4	4	4	5	5
Color Fastness to Rubbing						
EN ISO 105 - X12						
Dry Rubbing	- Warp	4 - 5	4 - 5	4 - 5	4	4 - 5
	- Weft	4 - 5	4 - 5	4 - 5	4	4 - 5
Wet Rubbing	- Warp	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5
	- Weft	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5
Color Fastness to Artificial Weathering BS EN ISO 105 : B04		8	8	8	8	8
Water Repellency : Spray Test AATCC Test Method 22 - 2005		70	70	70	70	70
Colorfastness to Chlorinated to Pool Water BS EN ISO 105 - E03		4 - 5	4 - 5	4 - 5	4	4 - 5
Colorfastness to Water BS EN ISO 105 - E01		4 - 5	4 - 5	4 - 5	4 - 5	4 - 5
Colorfastness to Sea Water BS EN ISO 105 - E02		4 - 5	4 - 5	4 - 5	4 - 5	4 - 5
FLAMMABILITY						
• Cigarette	(BS EN 1021 - 1)	Pass	Pass	Pass	Pass	Pass
Anti Mildew AATCC 147 : 2011 & 30 - 2004)		Pass	Pass	Pass	Pass	Pass
Pilling Resistance EN ISO 12945 - 2 [after 2.000 rubs]		5	5	5	5	5
Soil Release AATCC 130		5	5	5	5	5
Dimensional Stability to washing [%]						
EN ISO 6330						
- Length		- < 1.0%	- < 1.0%	- < 1.0%	- < 1.0%	- < 1.0%
- Width		- < 1.0%	- < 1.0%	- < 1.0%	- < 1.0%	- < 1.0%
Oekotex Standard 100		Pass	Pass	Pass	Pass	Pass
UV Standard 801		Pass	Pass	Pass	Pass	Pass
Weatherability [hours] ASTM G53 - 96		1,500	1,500	1,500	1,500	1,500

repellence Protection

soil & stain Release

Sanitized

UV PROTECT 80 UV STANDARD 801 HOHENSTEIN

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

produced by: ATEJA®

PLEASE DO NOT BURN THIS SAMPLE

PLEASE DO NOT THROW THIS SAMPLE INTO WATER