MACKINTOSH®
SOLUTION-DYED
OLEFIN

axroma
OUTDOOR PERFORMANCE FABRICS

MACKINTOSH®

MACKINTOSH

Mackintosh® Inside Technology infuses the most advanced PFC/PFAS free DWR polymer melting addictive into the blending process with polypropylene chips and high UV elemental pigments prior to yarn manufacturing. All materials are extruded, continuously extended, separately texturized, and spun by air friction or draw stretching to be unique Mackintosh® Inside Olefin yarns that imbed superb repellency to all kinds of moisture and remain its performance after times of rain shower or laundry.

The Mackintosh® Inside Olefin yarns are woven in various constructions for distinctive features and are simply finished by thorough scouring and cleaning to activate forever repellency and other merits. No additional finishing chemical is required, leaving no perfluorocarbon, perfluoroalkyl and polyfluoroalkyl substances to the earth.

Axroma invites you to discover the infinite possibilities of Mackintosh® Inside Technology.

MACKINTOSH®

Statement

Axroma is adamant in the belief in sustainability and continue navigating product innovation with sustainable mindset and vision. We identify four directions to make endeavors.

Mackintosh® Inside Technology is the first success in bringing out the most satisfactory and long-lasting PFC free water repellency through solution-dyed manufacturing, which significantly reduces water consumption and chemical treatment in addition to its inherent superior colorfastness. Different styles are curated to cater for various needs from upholstered patio, awning & shade, deep seatings, and decorative accessories.

In pursuit of appealing performance story, a mission to develop a certified collection and processing of traceable post-consumer polypropylene fiber is kicking off to support the single component product concept, that facilitates ultimate recycling. We learn to be honest and humble after being engaged with this environmental responsible venture. We are hoping to produce our performance olefin fabrics with higher consciousness, leaving minimum pollution and closing the loop, soon.

UV PROTECT 80 UV STANDARD 801 UV5 166913 TESTEX

REACH COMPLIANCE

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

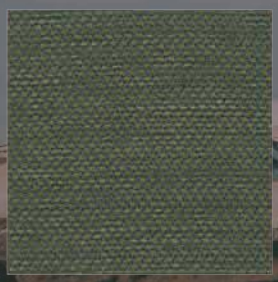
Global Recycled Standard

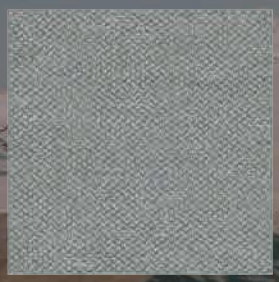
PFC FREE

Monochrome

Abrasion: ISO 12947-2 20,000 cycles Grade 4
Hydrostatic Pressure: 300mm
Rain Test Method: AATCC 35 (Standard 1.0g) < 0.1g

Denim 506.102


Olive 402.102


Marble Grey 702.102

Aqua Teal 501.102

Chiatea 601.102

Moss 401.102

Admiral 502.102

Onyx 701.102

Flax 602.102

Steel 705.102

Pearl 608.102

Cloud 609.102

Marron 603.102

Salsa 101.102

Forever Repelled

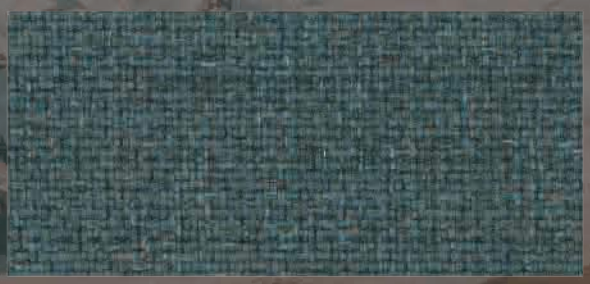
Rain Proof

Water Resistant

Quick Dry

Alpine

Abrasion: ASTM D4966 36,000 rubs



Verdigris Jade 401.809

Andes Greystone 602.809

Glacier Ice 603.809

Highland Charcoal 701.809

Atlas Sand 601.809

Piana Flax 702.809

Chianti Red 101.809

Rocky Mountain

Abrasion: ASTM D4966 40,000 rubs

Crimson Red 101.810

Burning Sand 102.810

Tranquil Lake 401.810

Basalt Rock 701.810

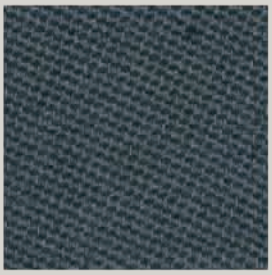
Navajo White 603.810

Moose Brown 602.810

Meadow Green 402.810

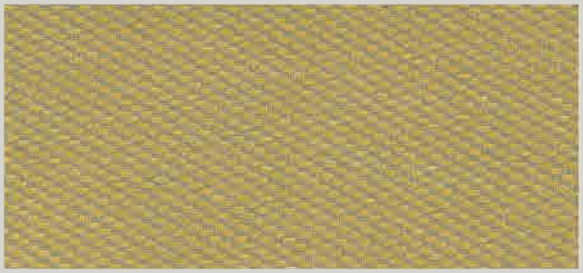
St.Tropez

Abrasion: ISO 12947-2 50,000 cycles Grade 4 with optional treatment



Midnight 502.804

Charcoal 603.804



Citron 301.804

Dove 601.804

Cayenne 101.804

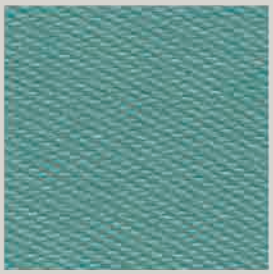
Tuscan 201.804

Graphite 604.804

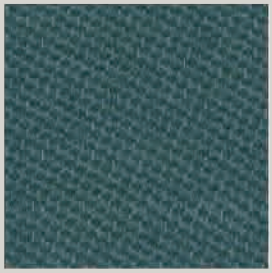
Carbon 701.804

Olive 403.804

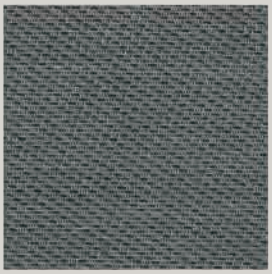
Taupe 602.804



Lakeside 501.804

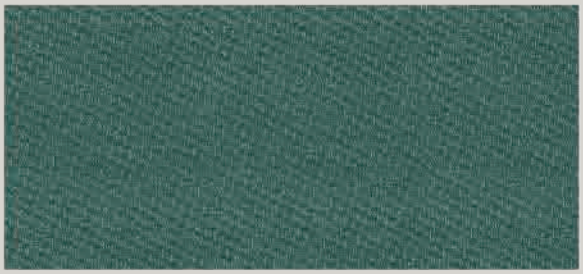


Aegean 401.804



Steel 702.804

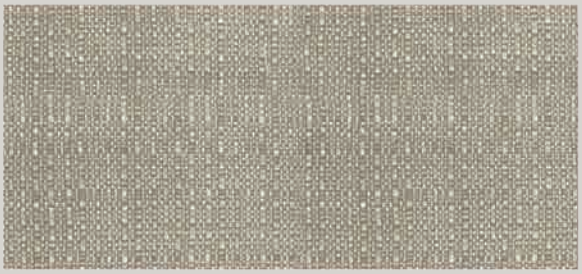
Black 703.804



Jade 402.804

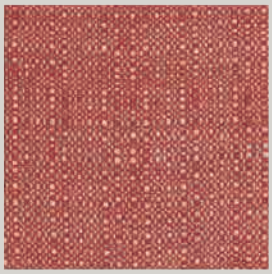
Médoc

Abrasion: ISO 12947-2 50,000 cycles Grade 4 with optional treatment

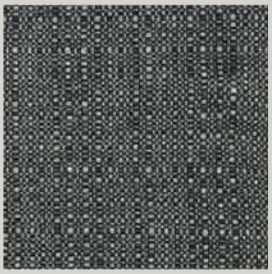


Hemp 602.805

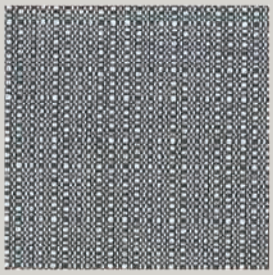
Papaya 201.805



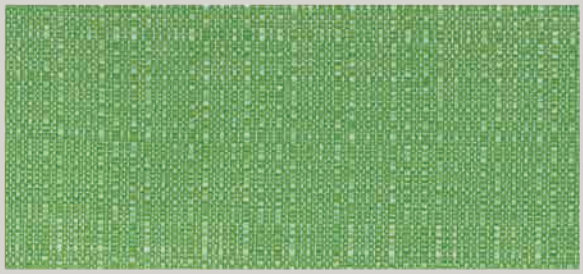
Poppy 101.805



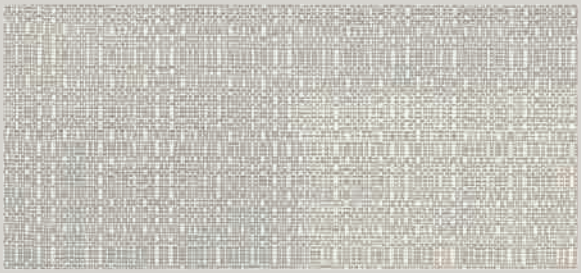
Carbon 701.805



Steel 703.805

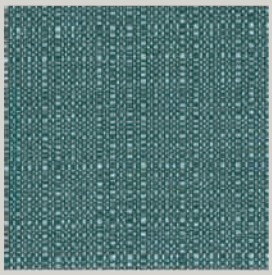


Lime 401.805



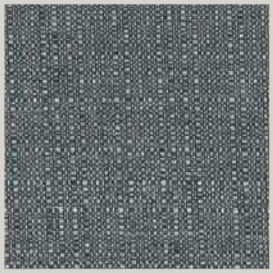
Oatmeal 601.805

Citron 301.805

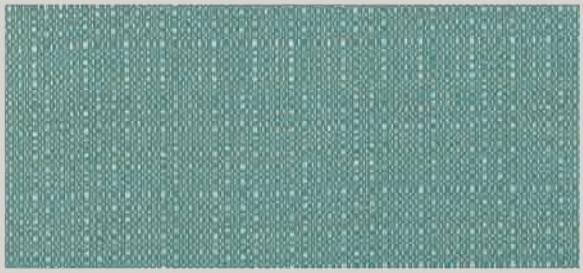


Peacock 502.805

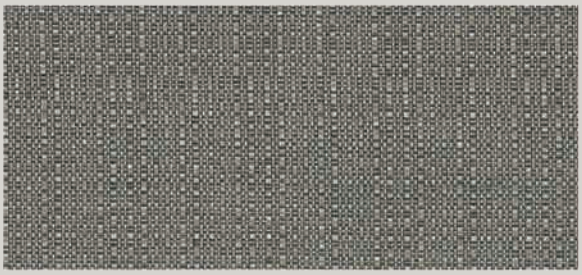
Graphite 604.805



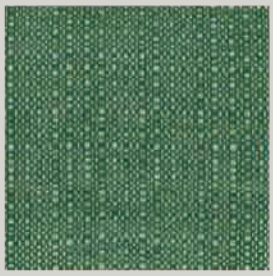
Charcoal 702.805



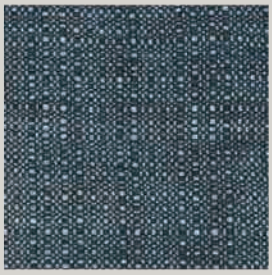
Lakeside 501.805



Sesame 603.805



Amazon 402.805

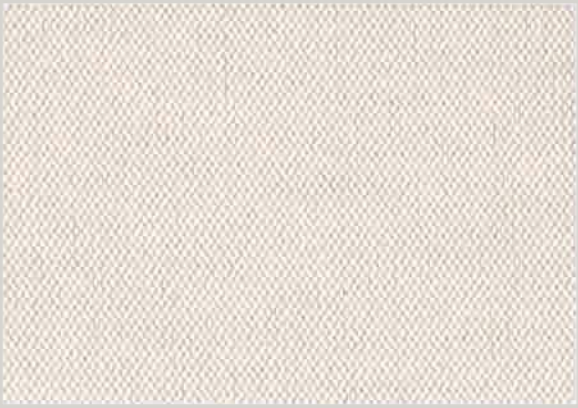


Midnight 503.805

Canvas

Garnet 103.800

Wheat 603.800



Ivory 604.800

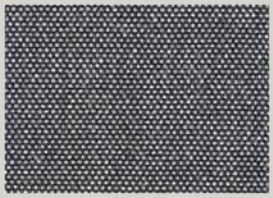
Tuscan 203.800

Lakeside 506.800

Celery 404.800

Azure 507.800

Midnight 508.800



Cement 706.800

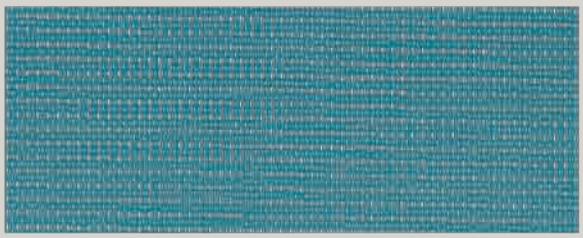
Amazon 403.800

Stone 703.800

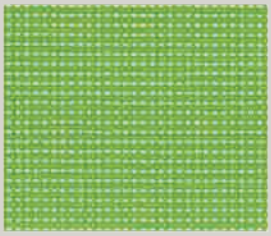
Steel 705.800

Feather Gray 704.800

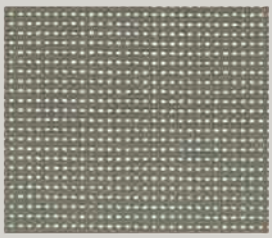
Birdeyes



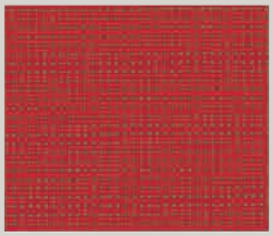
Lakeside 501.808



Lime 401.808



Hemp 602.808



Garnet 101.808

Charcoal 701.808

Oatmeal 601.808

Fire Island

10" W Repeat

Hemp 601.210

Tuscan 201.210

Jade 401.210

Midnight 502.210

Lakeside 501.210

Lime 402.210

Steel 702.210

Charcoal 701.210

Bean

10" W Repeat

Hemp 602.203

Tuscan 202.203

Azure 504.203

Garnet 102.203

Citron 302.203

Midnight 506.203

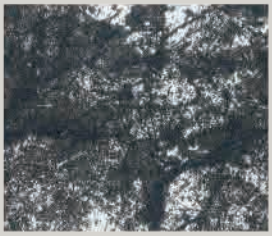
Lakeside 502.203

Amazon 402.203

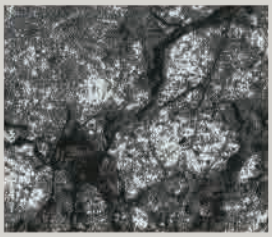
Charcoal 702.203

Marbling

10" W Repeat



Midnight 501.213



Charcoal 701.213

Blurkey

10" W Repeat

Poppy 201.212

Charcoal 701.212

Petit Morocco 20" W Repeat

Hemp 601.206

Poppy 201.206

Aegean 401.206

Midnight 502.206

Lagoon 501.206

Amazon 402.206

Steel 702.206

Charcoal 701.206

Vanity 10" W Repeat

Hemp 602.204

Tuscan 202.204

Azure 504.204

Garnet 102.204

Citron 302.204

Midnight 506.204

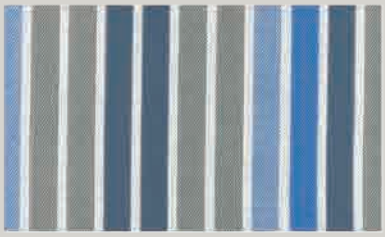
Lakeside 502.204

Amazon 402.204

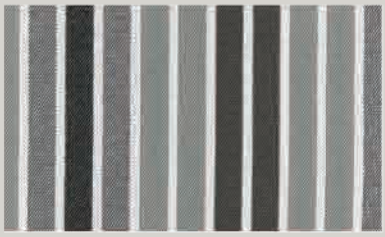
Charcoal 702.204

Parker Stripe 20" W Repeat

Hemp 602.201



Azure 504.201



Charcoal 702.201

Bluemoon

20" W Repeat

Hemp 601.207

Poppy 201.207

Aegean 401.207

Midnight 502.207

Lagoon 501.207

Amazon 402.207

Steel 702.207

Charcoal 701.207

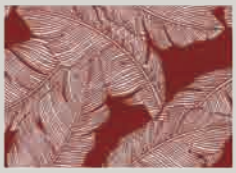
Nightingale

20" W Repeat

Hemp 602.202

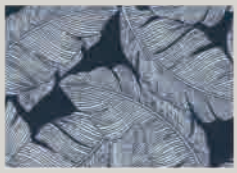
Tuscan 202.202

Azure 504.202



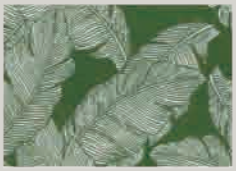
Garnet 102.202

Citron 302.202



Midnight 506.202

Lakeside 502.202



Amazon 402.202

Charcoal 702.202

Parker Stripe

20" W Repeat

Tuscan 202.201

Garnet 102.201

Citron 302.201

Monstera

20" W Repeat

Celery 401.211

Lime 301.211

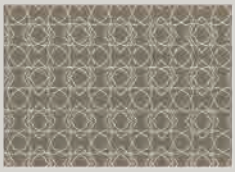
Azure 501.211

Citron 302.211

Stone 701.211

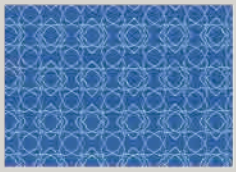
Harley

3.3" W Repeat

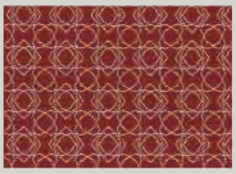


Hemp 602.205

Tuscan 202.205

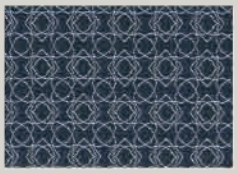


Azure 504.205



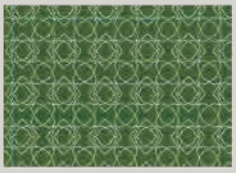
Garnet 102.205

Citron 302.205

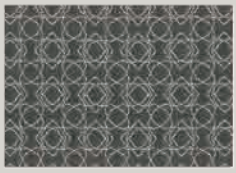


Midnight 506.205

Lakeside 502.205



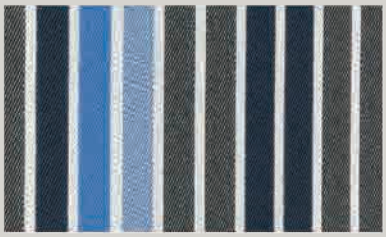
Amazon 402.205



Charcoal 702.205

Parker Stripe

20" W Repeat



Midnight 506.201

Lakeside 502.201

Amazon 402.201

TECHNICAL DATA

DOBBY /100% Olefin

DESCRIPTION	Monochrome	Alpine	Rocky Mountain	St.Tropez	Médoc	Birdeyes	Canvas
Width/cm	152	158	158	158	158	152	152
Weight/gsm±5%	240	380	315	300	210	200	175

JACQUARD /100% Olefin

DESCRIPTION	Nightingale	Vanity	Bean	Harley	Parker Stripe
Width/cm	152	152	152	152	152
Weight/gsm±5%	260	260	260	260	260

JACQUARD /100% Olefin

DESCRIPTION	Bluemoon	Fire Island	Petit Morocco	Blurkey	Marbling	Monstera
Width/cm	152	152	152	152	152	152
Weight/gsm±5%	240	240	240	240	240	240

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SOLUTION-DYED OLEFIN

Performance Standards	Test Methodology	Specifications
Colorfastness to Light	BS EN ISO 105-B02/B04 AATCC 16E	7-8 3-4 at 1,200 hrs
Colorfastness to Crocking	BS EN ISO 105-X12 AATCC 8	Dry 4-5 Wet 4-5
Colorfastness to Washing	BS EN ISO 105-C06	4-5
Colorfastness to Chlorinated pool water	BS EN ISO 105-E03	4-5
Colorfastness to Sea water	BS EN ISO 105-E02	4-5
Seam Slippage	BS EN ISO 13936-2 ASTM D4034	pass
Tear Strength	BS EN ISO 13937-3 ASTM D2261	pass
Tensile Strength	BS EN ISO 13934-1 ASTM D5034	pass
Flammability	BS EN1021-1 CAL 117	pass
Anti-Mildew	AATCC 147	pass
Water Repellency	BS EN ISO 4920 AATCC 22	5 90
Pilling Resistance	BS EN ISO 12945-2 ASTM D3512 ASTM D4970	4-5 after 5,000 Rubs 3.0 after 30 Minutes 4-5 after 1,000 Movements
Abrasion Resistance	BS EN ISO 12947-2 ASTM D4157 ASTM D4966	Over 15,000 Cycles Over 15,000 Cycles Over 15,000 Rubs
Ultraviolet Protection Factor	AS /NZS 4399	SPF50+
Perfluorinated Chemicals Content (PFCs)	EPA 3550C	Not detected any PFCs

axroma
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