LOW CARBON, RECYCLABLE MACKINTOSH® POLYPROPYLENE





MACKINTOSH®

Mackintosh[®] fabrics feature a proprietary technology that infuses the most advanced PFAS-free, permanent waterproofing polymer, polypropylene pellets, and highly UV-resistant pigments within the yarn itself. With a lower melting point, these materials are mixed together, extruded, stretched, texturized and air-spun to create unique Mackintosh[®] yarns that maintain superb water and moisture repellence even in the rainiest weather and through dozens of wash cycles.

Mackintosh[®] yarns are woven in various patterns and constructions and are then finished simply with a thorough scouring and cleaning that activates the permanent water repellency. Unlike other fabrics, no additional finishing chemicals are required and no PFAS forever chemicals (perfluorocarbons, perfluoroalkyls, and polyfluoroalkyls) are generated or released into the environment.

Axroma invites you to discover the infinite possibilities of our Mackintosh® technology.







d OEKO-TEX ® confidence in textiles STANDARD 100



Monochrome

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



Firenze Bouclé

Abrasion: ASTM D4966 40,000 rubs



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Alpine

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Rocky Mountain

Abrasion: ASTM D4966 56,000 rub



St.Tropez







Lime 401.808

Charcoal 701.808

Oatmeal 601.808

Canvas



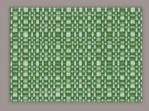


Médoc

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Poppy 101.805

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MACKINTOSH®

100% Solution-dyed Polypropylene

TECHNICAL DATA

						DOBBY
DESCRIPTION	Monochrome	Alpine	Rocky Mountain	St.Tropez	Médoc	
Width/cm	152	158	158	158	158	
Weight/gsm±5%	240	380	370	300	210	
DESCRIPTION	Birdeyes	Canvas	Firenze Bouclé	Bold Basket	Sunspot	DOBBY
Width/cm	152	152	158	158	152	
Weight/gsm±5%	200	175	440	520	300	
						JACQUARD
DESCRIPTION	Nightingale	Vanity	Bean	Harley	Parker Stripe	
Width/cm	152	152	152	152	152	
Weight/gsm±5%	260	260	260	260	260	
						JACQUARD
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

Performance Standards	Test Methodology	Results	
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		
Colorfastness to Chlorinated pool water	BS EN ISO 105-E03	4-5	
Colorfastness to Sea water	BS EN ISO 105-E02		
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+	
Total Fluorine(PFAS)	EN 14582 : 2016	Not Detected	

Think Green and Be Persistent Axroma Innovative Mackintosh[®] Polypropylene

Axroma has led the way in sustainable manufacturing for over 30 years. We keep investing in innovative processes and materials to help reduce our environmental impact and bring performance fabrics to the market.

Mackintosh[®] fabrics feature a proprietary technology that infuses advanced PFAS-free, permanent waterproofing and UV-resistant pigments within the yarn itself. This process yields fabrics with long-lasting performance that meet or exceed industry requirements while using the least amount of water, energy, and chemicals during production. Our innovation enables us to provide a wide variety of performance-driven designs featuring unique weaving patterns and a pleasing, soft hand; perfect for RV, residential, contract and outdoor furniture applications.

Axroma's founder keeps a green mindset and through his persistence and commitment, we are pursuing ultimate circularity in woven fabrics. Mackintosh® solution-dyed polypropylene fabrics can be made using certified post consumer waste from reliable sources. They can also be easily recycled at the end of the product's life through a relatively simple mechanical process, while most other fabrics require additional mechanical, chemical, and heat inputs during recycling. Axroma has also created a dedicated supply chain for processing end-of-life fishing nets and ropes, investing in our own plants that harvest and recycle these materials for use in our fabrics and in other applications.





Aquadura

Axroma proudly introduces the Aquadura series of Mackintosh® recycled fabrics. Made of worn out fishing gears pulled from our oceans, Aquadura is certified to use authentic ocean-bound and ocean-claimed plastic waste that is properly traced, managed, transported, refined, recycled into pellets, and extruded into textile-grade fibers. We are the pioneer in upcycling discarded fishing gears through a mechanical process that uses the least water, energy and chemicals, and generates the lowest carbon footprint. With Axroma's innovative and proprietary Mackintosh® technology inside the yarn, the Aquadura series delivers on performance, appeal, and sustainability.

21F072-11

21F072-24

F072-26

21F072-23

21F072-25

Fire Island

Hemp 601.210







Steel 702.210

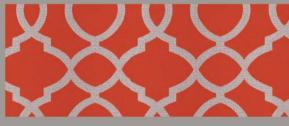




Charcoal 701.210

Vanity

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iscan 202.204





Lakosido 502 204



Garnet 102.204



Citron 302.204



Charcoal 702.204



Midnight 506.204



Hemp 602.201

Azure 504.20

Charcoal 702.20

Bluemoon























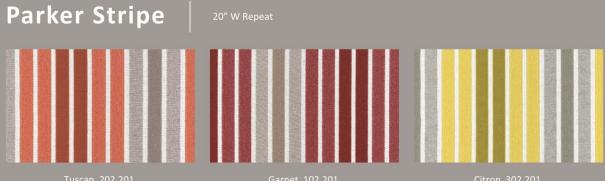












Monstera

20" W Repeat



elery 401.211



Lime 301.211



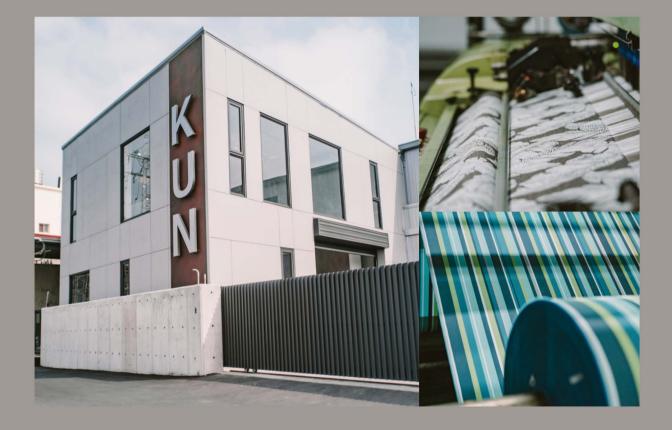
Citron 302.211



Azure 501.211



Stone 701.211



Parker Stripe







Midnight 506.201

Lakeside 502.202

Amazon 402.201

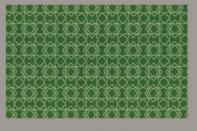
10" W Repea

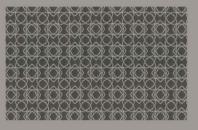


Harley

Bean

3.3" W Repeat





Charcoal 702.205

Petit Morocco

0" W Repeat







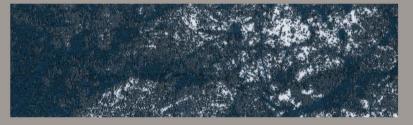
Poppy 201.206

Midnight 502.206

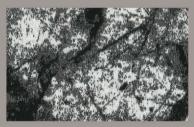
Charcoal 701.206

Marbling

10" W Repeat



Midnight 501.213



Charcoal 701.213

Blurkey

10" W Repeat





THE AVERAGE CONTRACTOR

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