



GRANDE TEX
Functional Textile Expert

COMPANY INTRODUCTION

2022.08.01



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ABOUT US

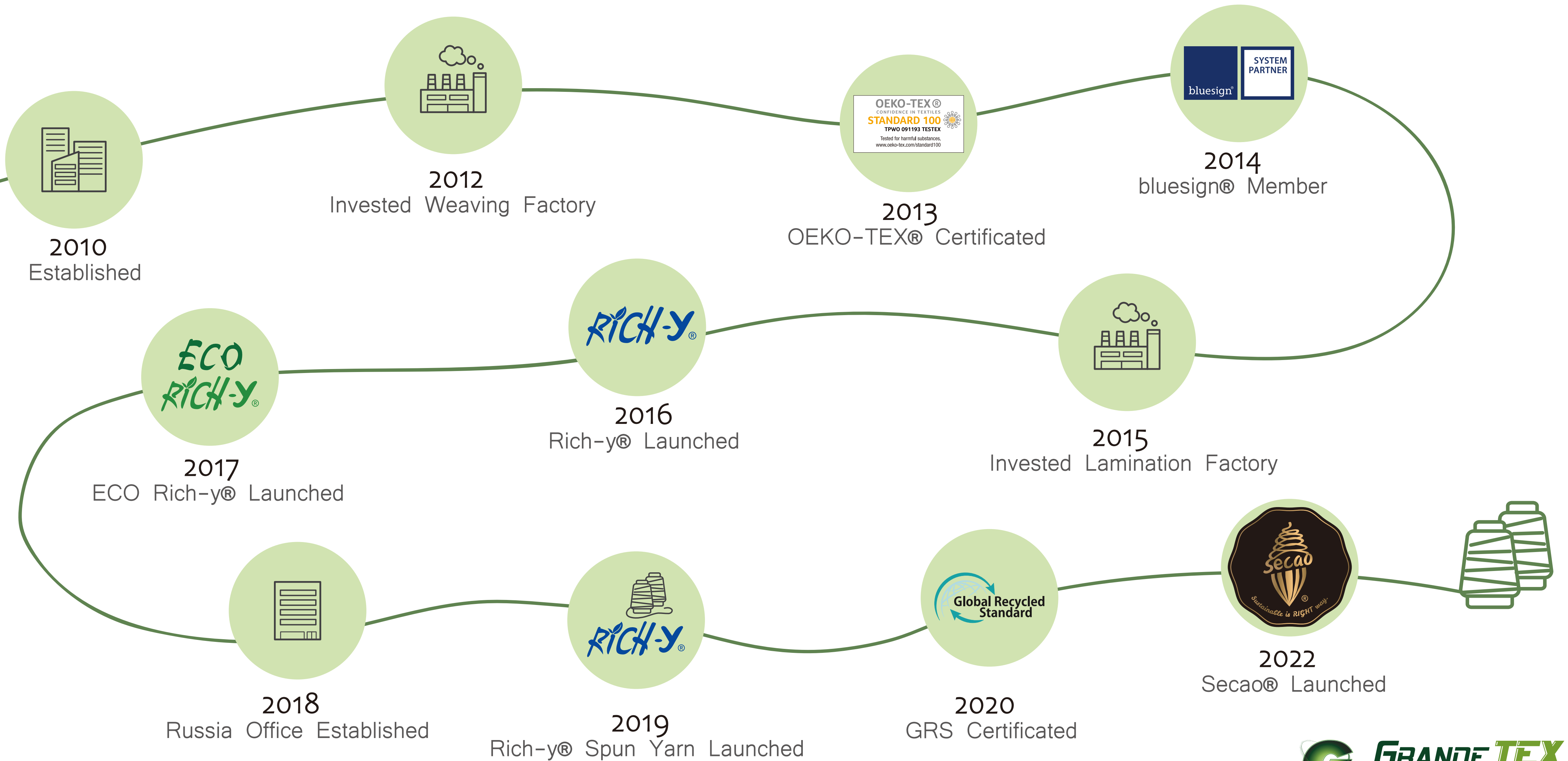


GRANDE TEX
Functional Textile Expert



- Transforms from a traditional fabric trading company to an innovative textile provider.
- Today we have our joint-ventured facilities for yarn spinning, knitting, weaving, fabric finishing and lamination.
- Our technology evolving the business model from fabric supplier to brand partnered fabric developer and producer.
- Functional fabric supplies to the apparel (functional sportswear, athleisure, urban, workwear, uniform) and outdoor & sporting goods industries.

MILESTONES



ABOUT US

— New Fabric Development —

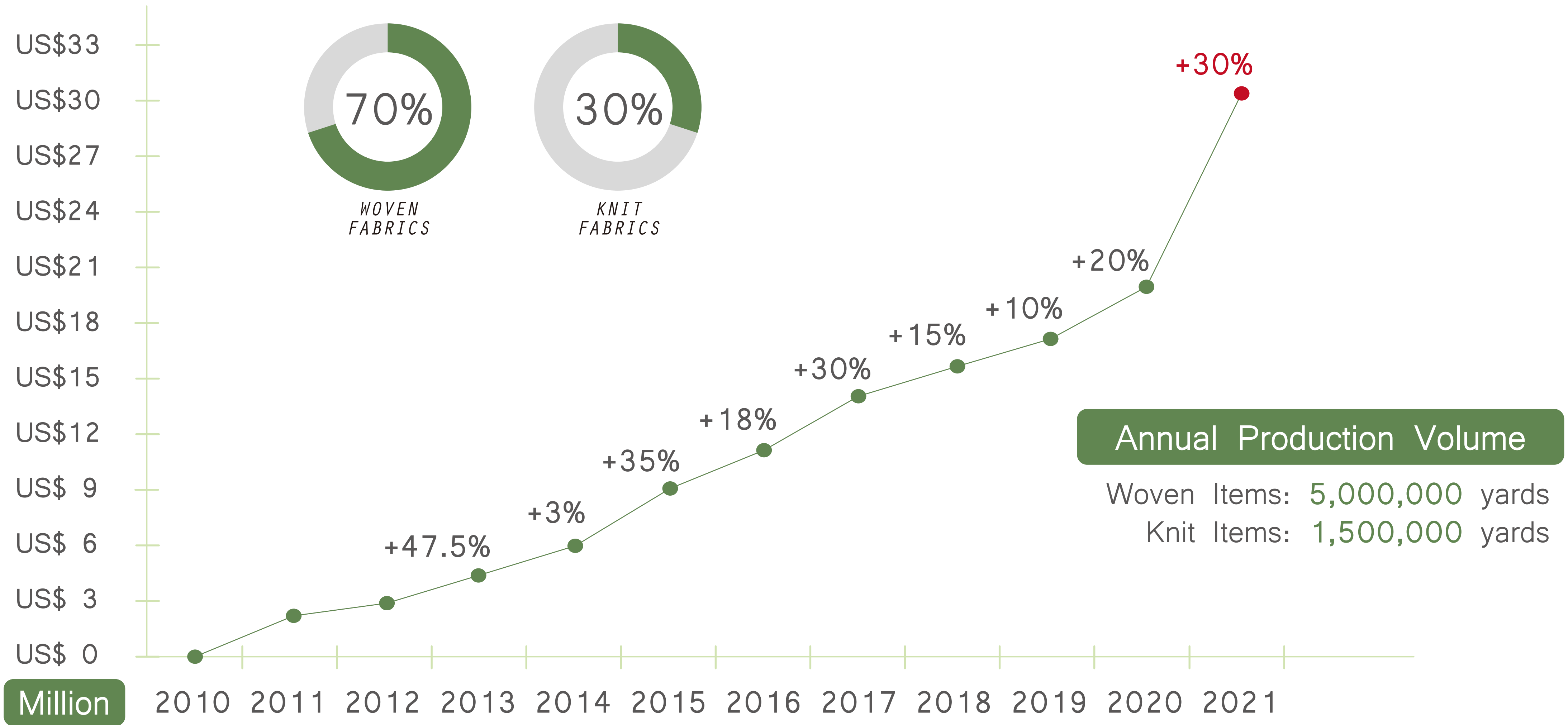


— Fabric Shipped —



- 5 patents granted (Germany x1, Taiwan x3 & China x1) + 2 patents in application
- 6 Trademarks registered in Europe, USA, Australia, Japan, Taiwan & China
- Engaging with Brands in the world—our customers have products sell in all major cities in Europe, Asia and the Pacific
- Approximate 100 styles of new fabric development per season
- Approximate 5 million yards of fabric shipped each year

GROW & THRIVE



QUANTITY & CAPACITY

Jacquard Knit Machines
(For Yoga, NOP)

80

Yarn Denier 50▼ 4,000~5,500kg / Day

Yarn Denier 50▲ 4,800~8,000kg / Day

Water Weaving Machines
(For Woven)

120

Total

10,500~15,000y / Day

QUANTITY & CAPACITY

Knitting Factory

	Gauge	Machines	Capacity / Day	Total / Day
Single Gradient Jacquard Machine	24G , 28G	14	40 ~ 80kg (1 Machine)	560 ~ 1,120kg
Single Jacquard Machine	28G	6	40 ~ 80kg (1 Machine)	240 ~ 480kg
Single Gradient Machine	24G, 28G, 34G	40	50 ~ 80kg (1 Machine)	2,000 ~ 3,200kg
Double Jacquard Machine	28G	20	60 ~ 80kg (1 Machine)	1,200 ~ 1,600kg
Perching Machine		10		

QUANTITY & CAPACITY

Woven Factory

	Machines	Content	Capacity / Day
Water Weaving Machine	120	Polyester + Spandex	Total 10,500y
		Nylon + Spandex	Total 10,500y
		Polyester	Total 15,000y
		Nylon	Total 15,000y

QUANTITY & CAPACITY

Dyeing Machines

23

800,000~1,000,000y
(Day)

Setting Machines

3

50,000y
(Day)

QUANTITY & CAPACITY

Dyeing Factory

	Machines	Capacity / Day	Total / Day
Unloading Machine	3	30,000 ~ 40,000y / 1 Machine	90,000 ~ 120,000y
Open Width Machine	2	30,000 ~ 40,000y / 1 Machine	60,000 ~ 80,000y
Setting Machine	3	50,000y / 1 Machine	150,000y
Perching Machine	3	30,000 ~ 40,000y / 1 Machine	90,000 ~ 120,000y
Packing Machine	3	60,000 ~ 70,000y / 1 Machine	180,000 ~ 210,000y
Desizing Machine	1		

QUANTITY & CAPACITY

Dyeing Factory

	Total Machines	Size	Kilograms	Machines
Dyeing Machine	23	Large	800kg	1
		Middle	600kg	16
		Small	300kg	2
			100kg	1
			75kg	1
			50kg	1
			25kg	1

QUANTITY & CAPACITY

Lamination Factory

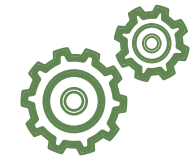
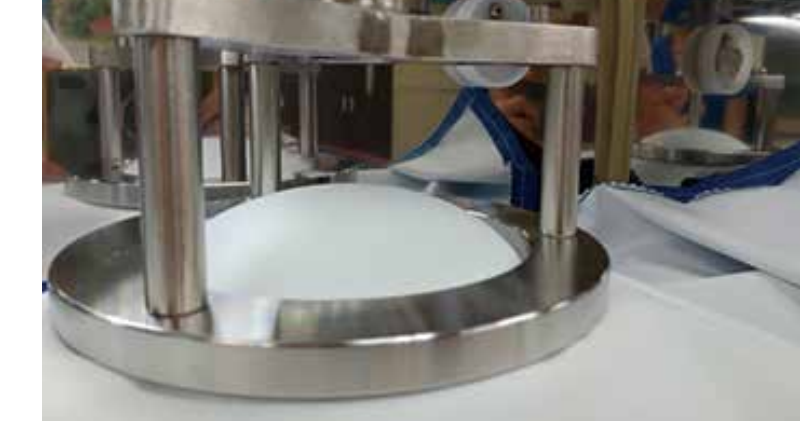
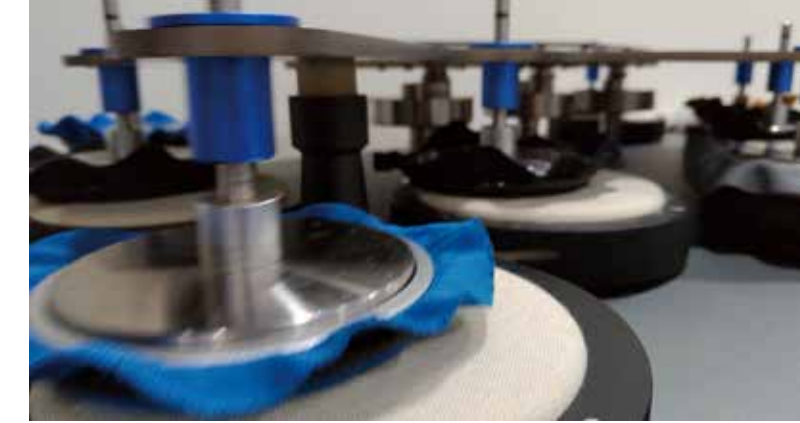
	Machines	Capacity / Day	Total / Day
Cloth Dropping Machine	3	16,000y / 1 Machine	48,000y
Laminating Machine	3	12,000y / 1 Machine	36,000y
Packing Machine	3	16,000y / 1 Machine	48,000y



EQUIPMENT



LABORATORY



Perform appx. 12 different fabric testing.



We have light box and data color-spectrophotometer to ensure the fabric color could meet with customer standard.



We built up very good reputation in delivering high quality fabric. Each fabric lot has passed our Internal laboratory test before shipment.

Test Method	Test Protocol
Colour Fastness to Water	ISO 105 C06 A2S
Colour Fastness to Wash	ISO 105 E01
Colour Fastness to Rubbing	AATCC 8 / ISO 105-X12
Colour Fastness to perspiration	AATCC 15
Shrinkage after wash	AATCC 135 / ISO 6330
Water Repellency: Spray test	AATCC 22 / ISO 4920
PH Value	AATCC 81
Pilling Resistance	ASTM D3512
Water Resistance	JIS L1092B / AATCC 127 / ISO 0811
Tearing Strength	JIS P8116
Abrasion Resistance (MARTINDALE)	ASTM4966/ISO12947
Pilling Resistance (MARTINDALE)	ASTM4970/ISO12945-2



LABORATORY

In-house testing laboratory

PILLING RESISTANCE



DATACOLOR SPECTRUM



WATER RESISTANCE



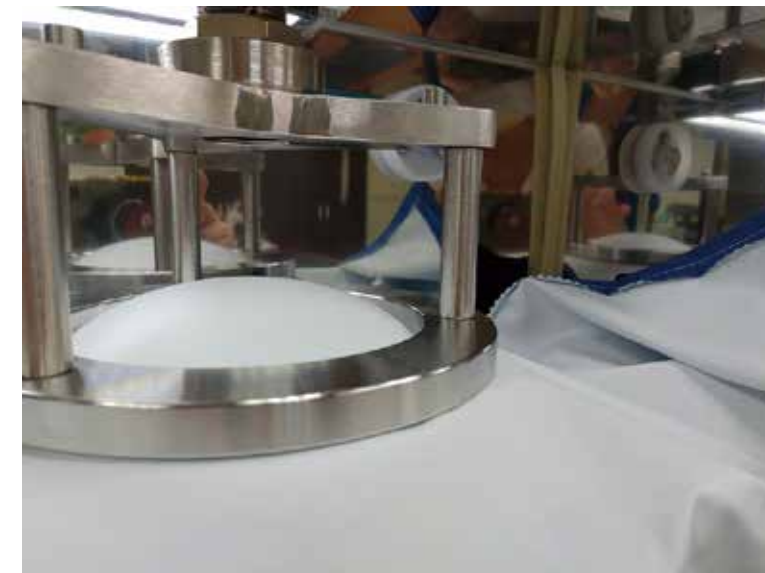
CF TO WASHING



ABRASION / PILLING RESISTANCE



WATER REPELLENCY



PH VALUE



CF TO WATER

CERTIFICATION

GRANDETEX IS A MEMBER OF BLUESIGN, OEKO-TEX & GRS.
WE ALWAYS COOPERATE WITH QUALIFIED FACTORIES TO ENSURE FABRICS ARE UP WITH STANDARD.

bluesign®

CERTIFICATE

Awarded to bluesign® SYSTEM PARTNER
Grandetex Development Co., Ltd.
2F-1, No. 66 Fuxing N. Road 10488 Taipei Taiwan

This certificate attests that the article range
Fabrics for Workwear and Apparel
(for exact article identification see "bluesign® APPROVED" article lists 022.328.003.000*)
manufactured at production sites assessed by bluesign technologies ag
meets the relevant bluesign® CRITERIA.
Furthermore, above company is granted authorization to use the trademark
bluesign® APPROVED
for above article(s) according to the valid communication guidelines.

Certificate number: 022.328.003
Certificate valid until: September 24, 2023

St. Gallen, September 10, 2020


Jill Dörmann
CEO
bluesign technologies ag

bluesign® SYSTEM PARTNERS are responsibly acting parties of the textile supply chain committed to applying the bluesign® SYSTEM. They aim to continuously improve their environmental performance and are focused on a sustainable future.

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IDFL
IDFL LABORATORY AND INSTITUTE

SCOPE CERTIFICATE
Scope Certificate Number: 21-340884

IDFL declares that
GRANDETEX DEVELOPMENT CO., LTD.
LICENSE NUMBER 007233
2F-1, No. 66, Fuxing N. Rd.,
Zhongshan District,
Taipei City, 104104
Taiwan
has been inspected and assessed according to the
Global Recycled Standard (GRS)
- Version 4.0 -
and that products of the categories as mentioned below (and further specified in the appendix) conform with this standard.

Product Categories:
Dyed Fabrics (PC0025), Greige Fabrics (PC0026), Printed Fabrics (PC0039)

Processing steps / activities carried out under the responsibility of the above-mentioned company for the certified products:
Trading (PR0030), Laminating (PR0034) (subcontracted), Extrusion (PR0010) (subcontracted), Weaving (PR0033) (subcontracted), Knitting (PR0015) (subcontracted), Dyeing (PR0008) (subcontracted), Printing (PR0023) (subcontracted), Finishing (PR0012) (subcontracted)

This Certificate is valid until: 16 Sep. 2022
Place and Date of Issue: Taipei, 16 Sep. 2021
Stamp of Issuing Body: IDFL License No: CB-IDF


Wilford Lieber, CEO
IDFL Laboratory and Institute
BF, No. 312, Sec. 2, New Taipei Blvd.,
Xinzhung Dist., New Taipei City 242032,
Taiwan

This Certificate of Compliance provides no proof that any goods delivered by its holder are Global Recycled Standard (GRS) certified. Proof of Global Recycled Standard (GRS) certification of goods delivered is provided by a valid Transaction Certificate (TC) covering them. The issuing body can withdraw this certificate before it expires if the declared compliance is no longer guaranteed.

This electronically issued document is the valid original version. Scan QR Code to verify certificate.

TESTEX AG, SWISS TEXTILE TESTING INSTITUTE
GOTTHARDSTRASSE 01
8002 ZÜRICH, SWITZERLAND

OEKO-TEX®
INSPIRING CONFIDENCE

CERTIFICATE

The company
Grandetex Development Co., Ltd.
2F-1, No. 66, Fuxing N. Rd.,
Zhongshan District, 104104 Taipei City
Taiwan


TPWO 091193 TESTEX
Tested for harmful substances
www.oeko-tex.com/standard100

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report TP015 195448.1

for the following articles:
Woven fabrics made of 100% polyester and nylon/spandex, white, piece-dyed, with or without water repellent finishing, or knitted fabrics (incl. fleece) made of 100% polyester, white, piece-dyed and finished (including brushing) (based on material pre-certified according to STANDARD 100 by OEKO-TEX®)
The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, product class II have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.
The certified articles fulfill requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA, with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labeling requirements were not verified).
The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate TPWO 091193 is valid until 30.06.2022

Zürich, 14.12.2021


Matz Bachmann
Managing Director


Faisal Rizal
Ecology Team Leader

OEKO-TEX® Association | Giefenstrasse 23 | CH-8002 Zurich

SPECIALTIES

- ✓ With a strong Management team and textile experts, GrandeTex offers exceptional quality of textile to the world.
- ✓ Our in-house experts to control materials, fabric knitting/weaving, dyeing & finishing as to maintain fabric stability.
- ✓ We have our joint-ventured facilities for yarn spinning, knitting, weaving and fabric finishing.





*APPLICATION
ECO-FRIENDLY
FUNCTIONAL*

Hardshell

Uniform

Workwear

Recycle

Solution Dyed

Ultralight

Softshell

Casual Wear

Activewear

SPECIALTIES



FUNCTIONAL FABRICS PRODUCED BY HIGH PERFORMANCE MATERIALS

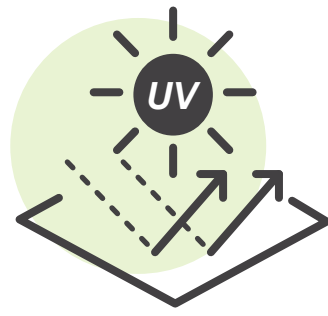
High Performance materials

- Special construction & yarn
- High strength
- High quality film/membrane
- Bonding/lamination/coating
- Special yarn structure

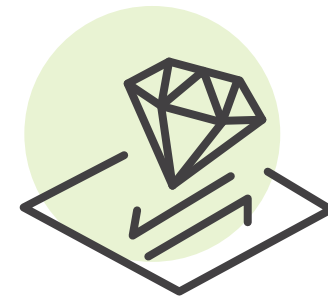
Functionality

- Resisting high UV values
- Abrasion resistance
- Windproof
- Waterproof
- Water vapor permeability
- Wicking
- Heat insulation
- Cool to touch

SPECIALTIES



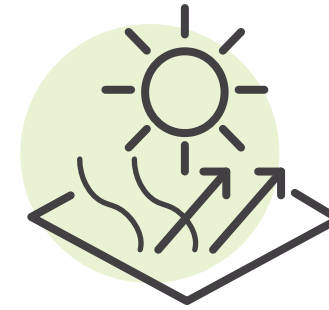
Anti-UV



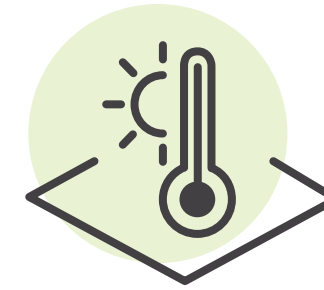
Abrasion



Waterproof



Heat Insulation



Keep warm



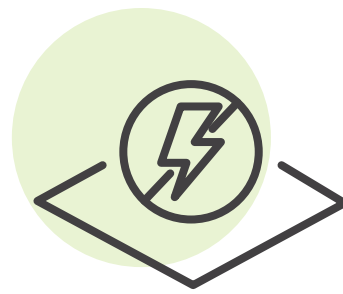
Ultra light



Windproof



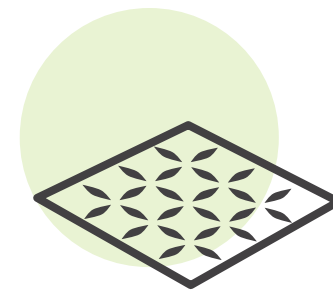
Cool to touch



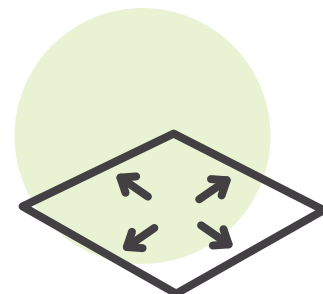
Anti-static



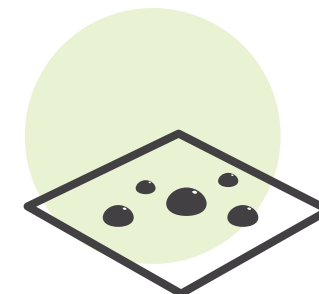
Anti-odor



Emboss print



4 way stretch



Water repellency



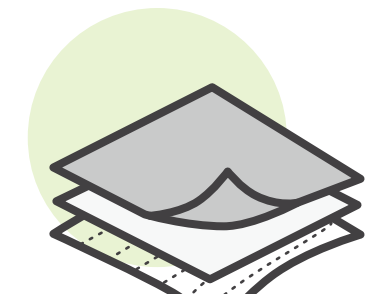
Anti-bacterial



Wicking

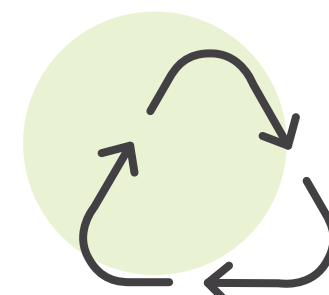


Water vapor permeability

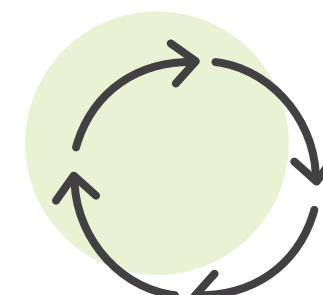


PU TPU PTFE Coating / Lamination

Sustainable



Recycle



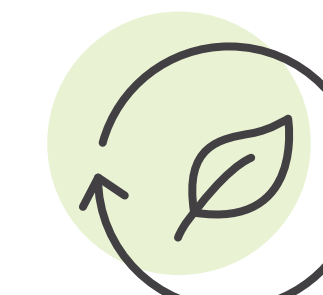
Reuse



Reduce



Biodegradable

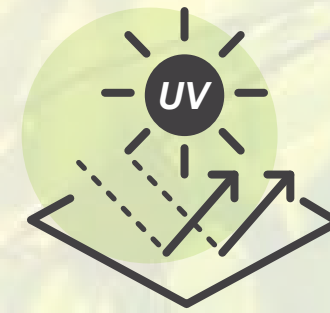


Eco-friendly

TECHNOLOGY

Rich-y®

RICH-y®



Anti-UV



Anti-odor



Anti-bacterial



Wicking

GrandeTex's innovation in synthetic yarn.

- Functions: anti-bacteria, anti-odor, UV protection and wicking
- Long lasting effect without any extra chemical adding, safe & green process in dyeing and No water pollution
- FOLLOWING on "REACH" standard always be our principle
- Bluesign & Oketo-Text certified member



TECHNOLOGY

● Secao®



Recycle



Reuse



Reduce



Biodegradable



Eco-friendly

Sustainable is RIGHT way.

Secao® is our new innovative yarn. The yarn itself is based on agricultural waste, which makes it truly biodegradable.

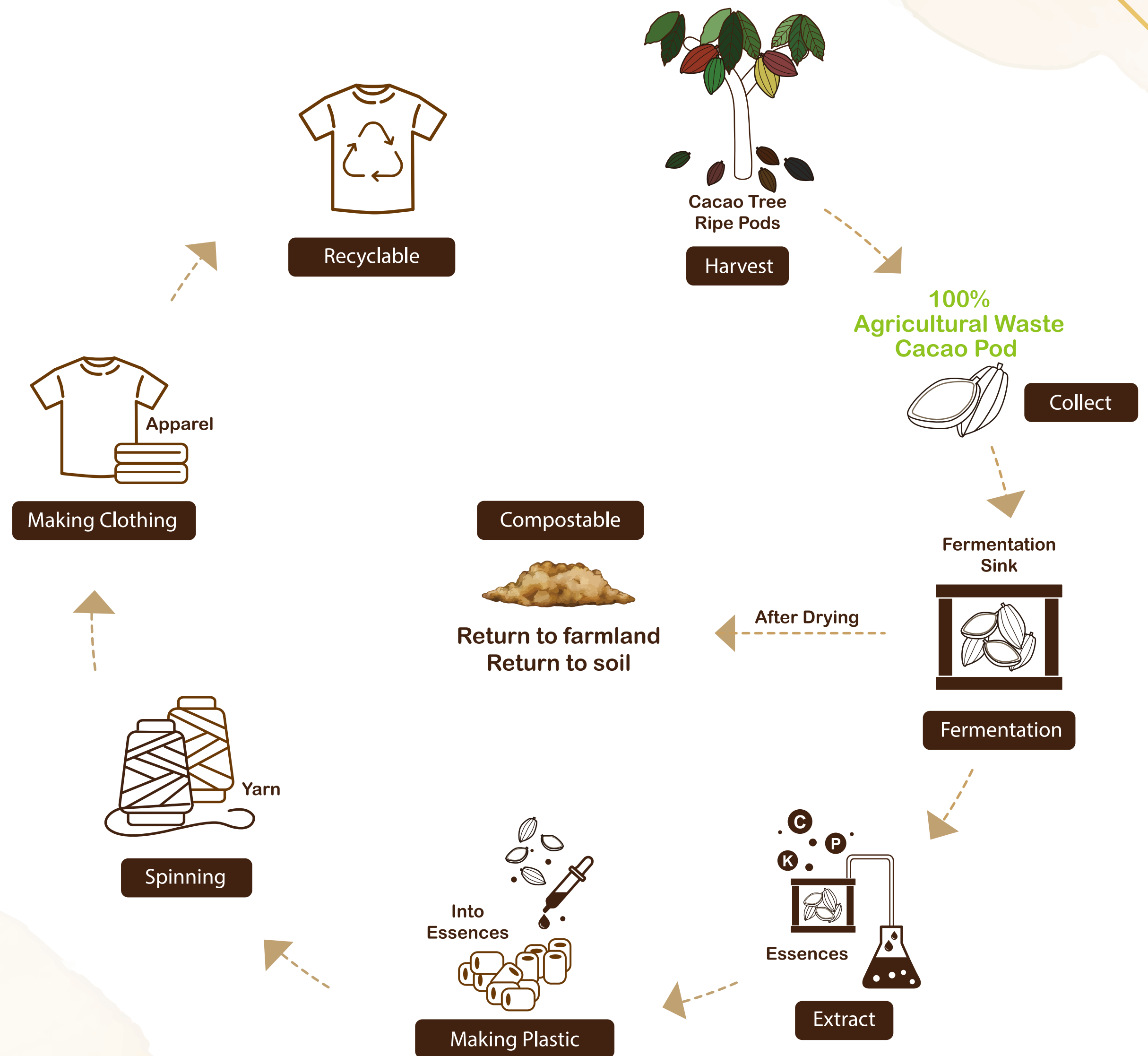


TECHNOLOGY

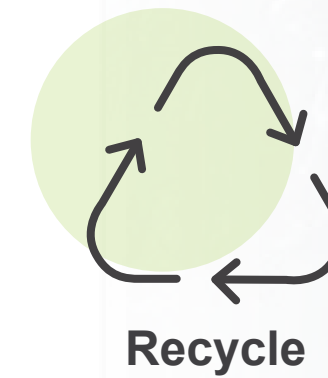


Sustainable is RIGHT way.

Production Process



RECYCLE



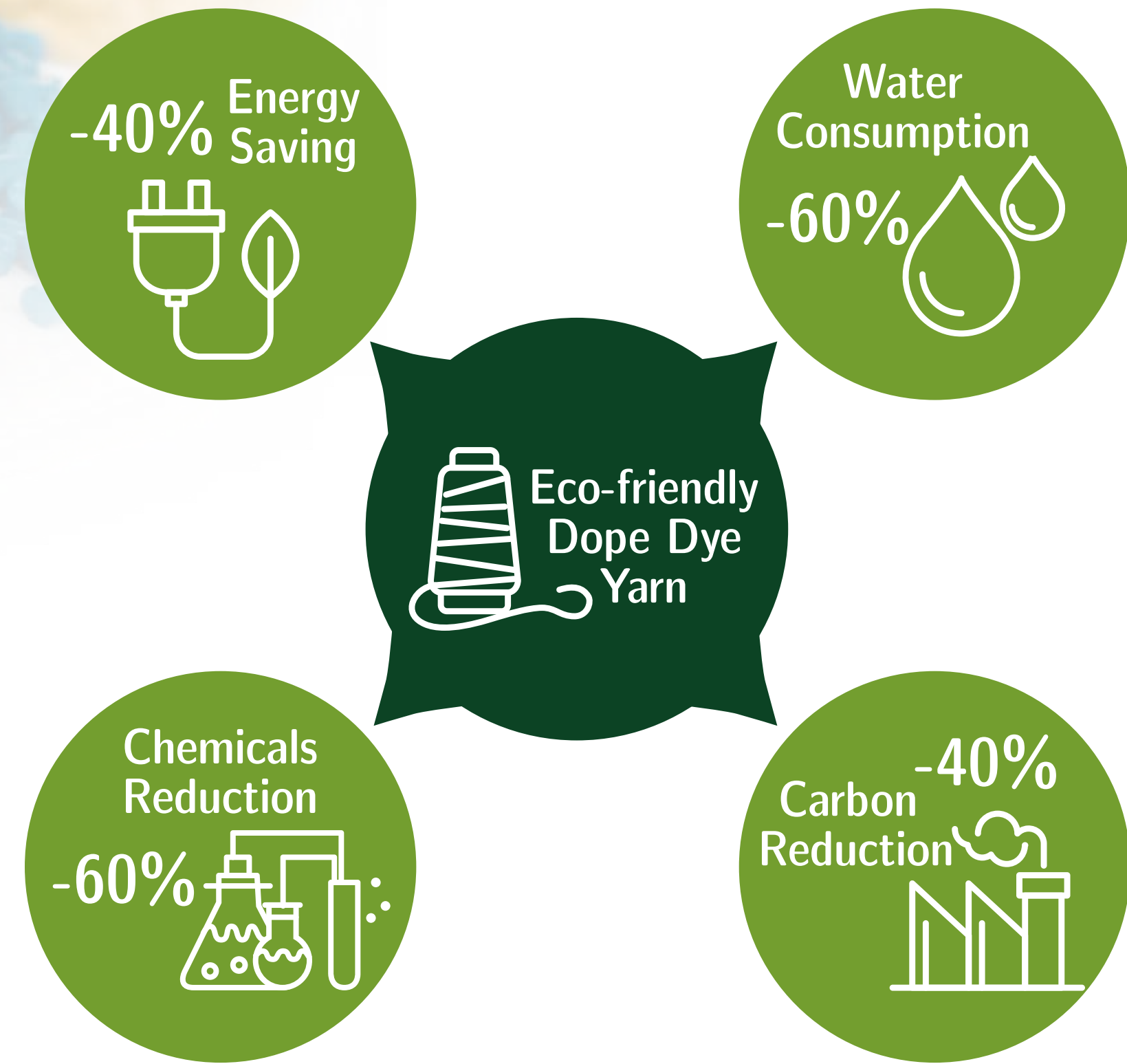
RECYCLE is important nowadays to leave this planet for our future generations. GrandeTex kept developing different kinds of recycled fabrics under GRS (GLOBAL RECYCLE STANDARD) compliance.

SOLUTION DYED

Eco-Friendly Dope Dye Yarn

Eco-friendly

- Low energy use
- Effectively reduce processing time
- Effectively reduce water consumption
- Chemicals and carbon dioxide emission during the solution dye process



Anti-odor + Anti-bacteria + Anti-UV

Using liquid metal technology make our yarn combine with Transition Elements when making master batch to have functions and to stop having superbugs in environment.

MISSION & VISION



WE AIM TO BE A LEADING FUNCTIONAL TEXTILE PROVIDER

GrandeTEX "Your Partner"

- To help improving your textile and industrial textile product performance
- To find new solutions for your existing products
- To explore new textile design & engineering possibilities



Innovative textiles are unlimited due to the distinctive technology, technical know-how as well as experienced experts we have.

VALUES

WE ALWAYS ONE STEP AHEAD.

Collaboration

WE work proactively with each other to achieve our goals.



Teamwork
builds
to
success

Sustainability

WE commit to a sustainable future.



Innovation

WE anticipate further trends & emerging technology.



Social Responsibility

WE donate to sponsor charities & nonprofit organizations.



Accountability

WE always keep our promise & deliver on our commitments.



SUSTAINABLE MISSION

 Our contribution to sustainable future



Green innovation and social responsibility which helps our customers to deliver better sustainable products.



Reduce consumptions, waste and pollution.



Coaching employees and all business partners.

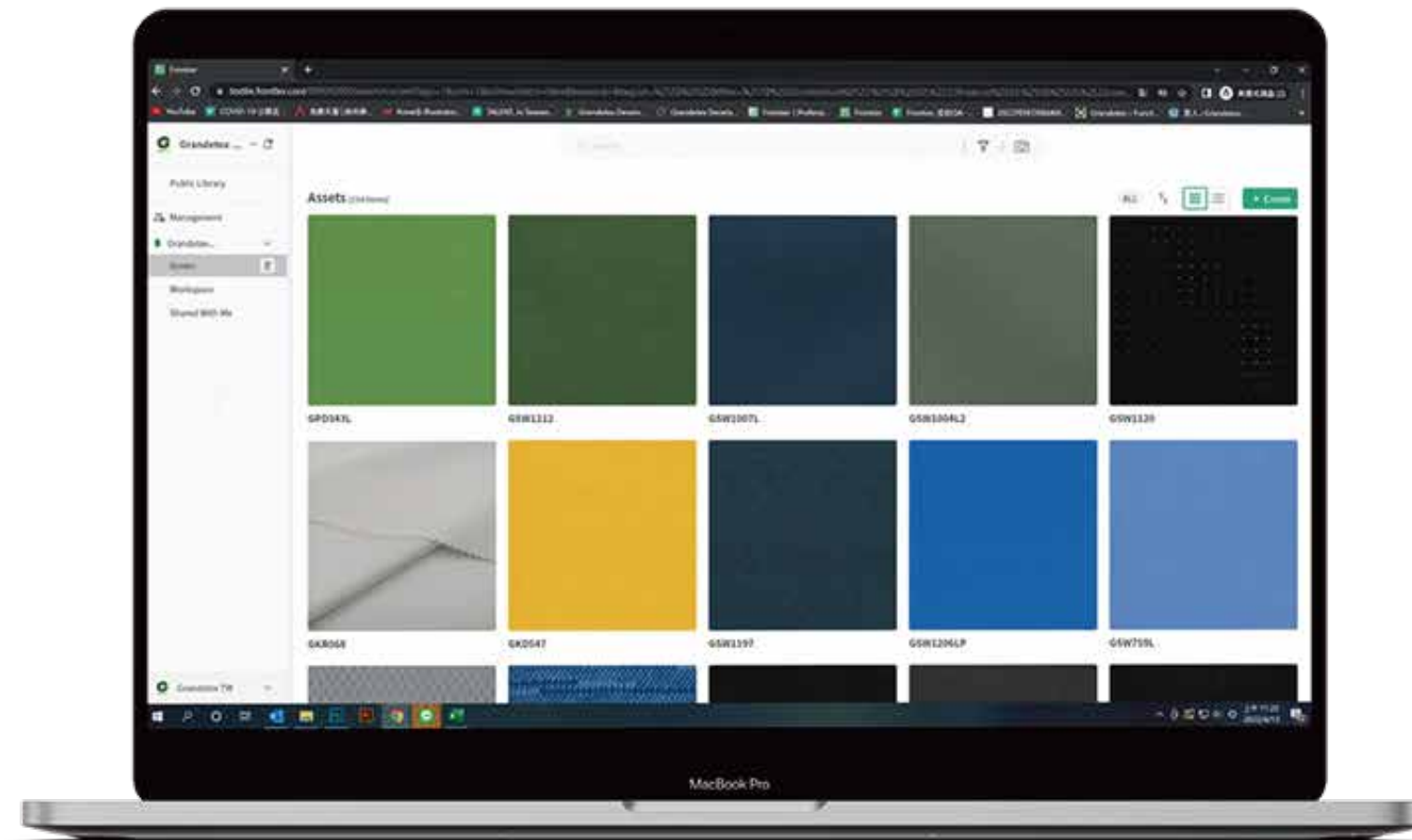


Saving energy, water.



Compliance with environmental regulations.

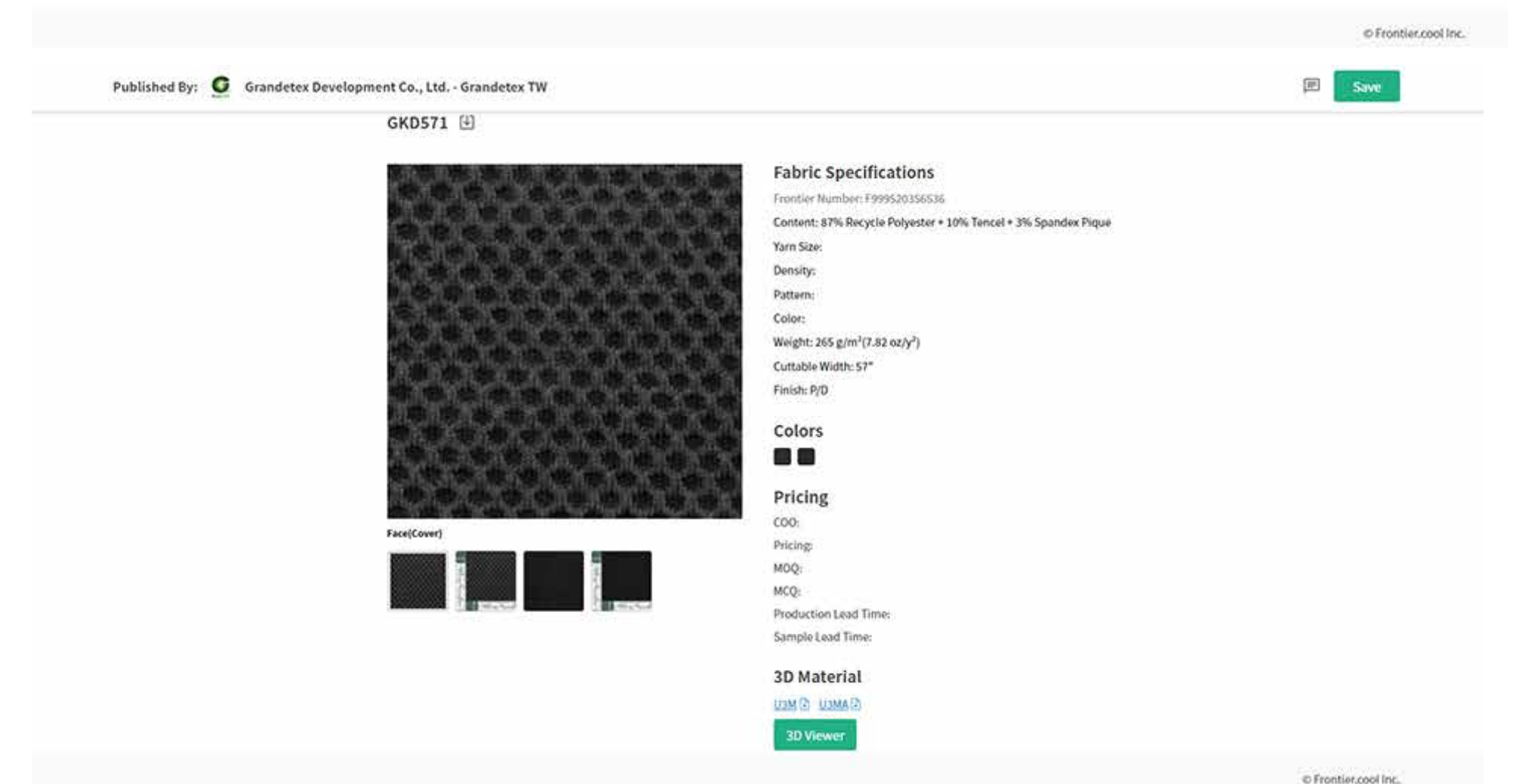
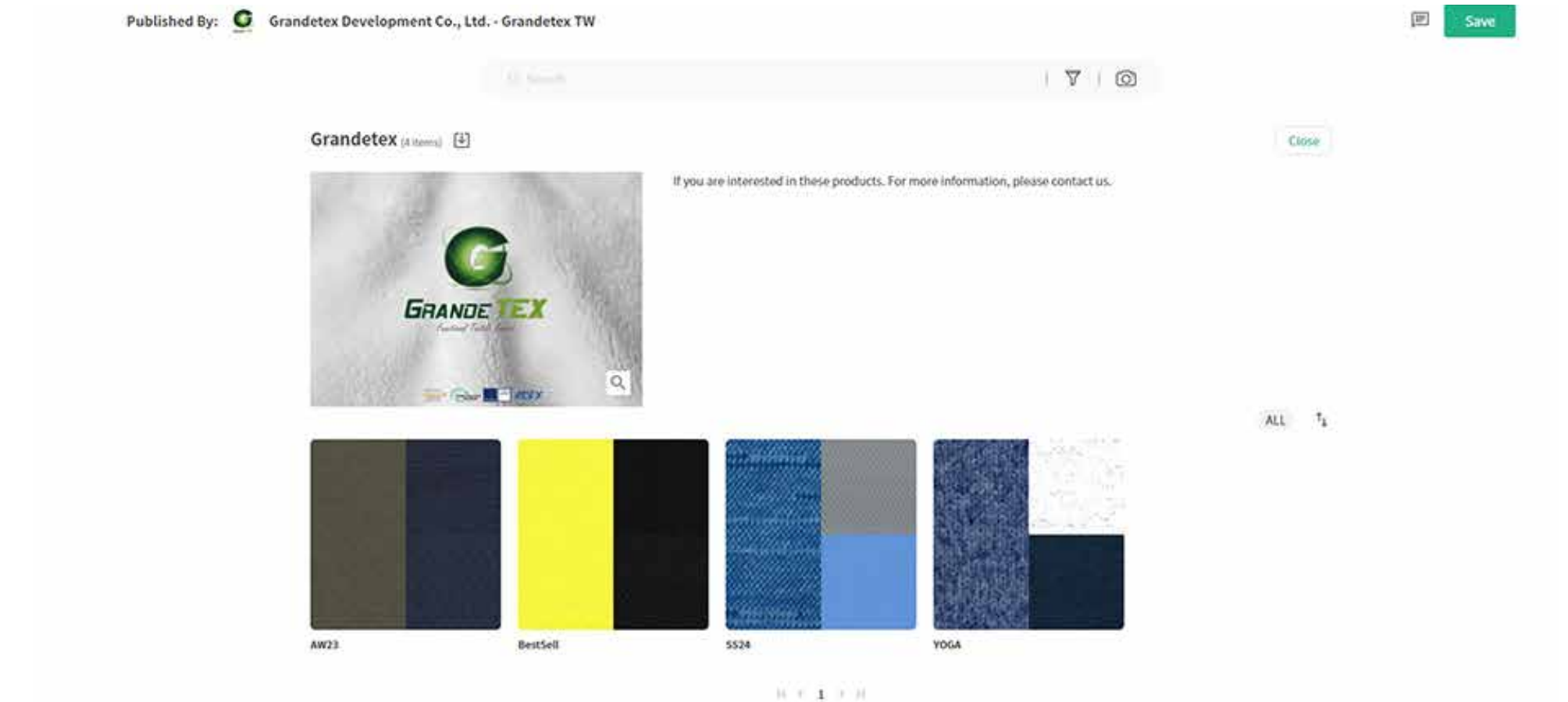
DIGITAL TEXTILE



By applying digital textile design system, it makes simulation of textile pattern and colors to be easy and simple.

It not only merges sample prototyping process from virtual designs to physical textiles, but also improves communication to be transparent as well as the increase of working efficiency.

It is time saving and especially it saves prototyping cost and decreases the impact on the environment from disposal of sample waste.



DIGITAL TEXTILE



The advantages of e-textile



Decrease the numbers of making fabric swatch books and the waste of disposing outdated fabric swatch books.



Decrease the numbers of unnecessary stock fabric.



Improve transport pollution problem caused by sending physical fabric swatch books and sample fabrics.

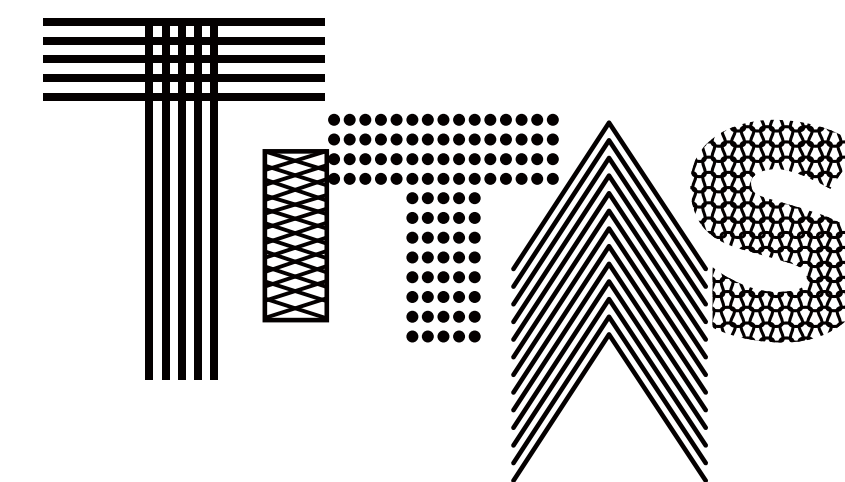


Save the use of resources and improve the impact of pollution issues.

FIND US ON...

PanTextiles Osaka

techtexsil



ISPO
Munich



THANK YOU.

Grandetex Development Co., Ltd.



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