

# Managing Data From Material Innovation To Point of Sale



Traceability and Certification Management Throughout Your Supply Chain

# Traceability

- Traceability is documenting the path of a product from the raw material to the consumer.
- Traceability information does not only convey the source locations but also communicates the impacts the product is having on the environment and society by virtue of its manufacturing process.

# Sustainability

- Sustainability is most often defined as meeting the needs of the present without compromising the ability of future generations to meet theirs. It has three main pillars: social, environmental and economic.
- These three pillars are informally referred to as people, planet and profits.

ECONOMIC

SOCIAL

ENVIRONMENT

# Where Is This Going?



Beauty | Fashion | Food

## Is There a Sustainable Certification for Clothing? [Your Guide to Eco-Friendly and Ethical Labels]

by Abigail Davidson | Jul 1, 2019 | 6 Comments

SHARE [f](#) [t](#) [p](#) [e](#)

LIVING FASHION PEOPLE TRAVEL BEAUTY CULTURE RECIPES SHC

ELUXE  
MAGAZINE

ARTICLES, CULTURE  
10+ ETHICAL FASHION CERTIFICATIONS YOU NEED TO KNOW  
JUNE 11, 2021



Calida Mens V Neck Cotton Pajamas Relax Imprint 40580

★★★★★ 10

\$73<sup>60</sup>

FREE Shipping

Climate Pledge Friendly

See 1 certification

We've made it easier to discover products with sustainability certifications, as part of our commitment to help preserve the natural world. Time is fleeting. [Learn more](#)

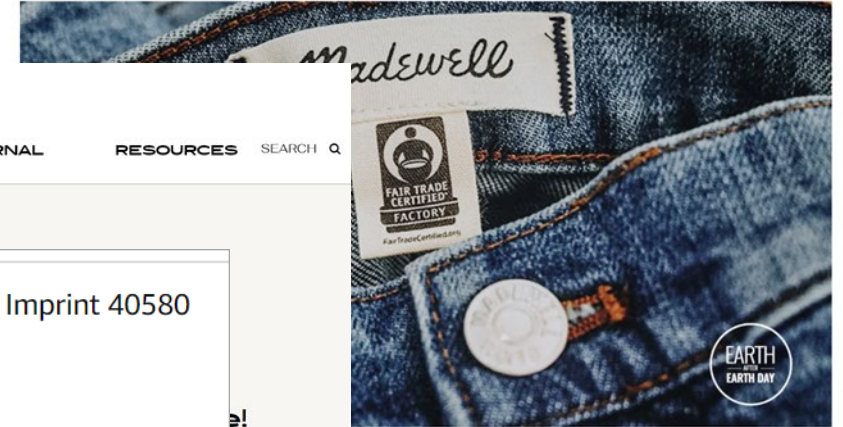
PRODUCT CERTIFICATION (1)



MADE IN GREEN by OEKO-TEX



Home > Style > Earth After Earth Day



Look for When Clothes Shopping Sustainably

BY STEPHANIE OSMANSKI  
R. 25 2021, UPDATED 2:35 P.M. ET



# What's The Formula For Success?

Sustainability + Traceability = Brand Integrity



Define it.



Document it.



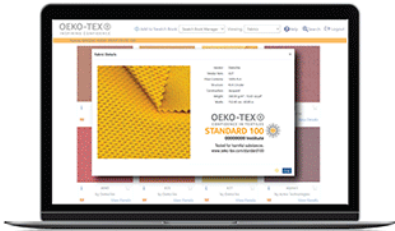
Maintain/Grow it.

# Certifications Galore



# CertLink for Materials and Trims

## Materials




1. Suppliers enter fabric, trim and leather data into CertLink and link them to their OEKO-TEX® Certificates.

2. Fabric, trim and leather data is matched with OEKO-TEX® Certificates and stored within Texbase.

3. Leather, fabric and trim information is displayed to brand and retailers through the OEKO-TEX® Global Library.



# Sharing The Data – Global Material Library



**Polyester continuous filament, texturized**


- the perfect bulk yarn
- soft, voluminous, skin-friendly
- for all sewing and coverstitch seams
- for optimal edge covering

**Technical data:**

Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
100	30	207 * 2	207.2	1204	23	80-130	14-19
120	36	252 * 2	252.2	1468	27	80-130	14-19
280	11	127 * 5	127.1	480	27	70-90	10-12

**i** Sabarex- Polyester continuous fila...  
by AMANN GROUP Amann & Söh...

[View Details](#)



**Polyamide 6.0 continuous filament, 100% recycled**


- ORACLE TO ORACLE CERTIFIED™ GOLD
- the first recycled polyamide sewing thread
- made from recycling of textile waste
- especially developed for technical cycles
- only dyed with compatible dyes
- robust, abrasion-resistant, durable
- excellent strength and colour fastness properties
- the ideal choice for manufacturing sustainable products

**Technical data:**

Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
40	75	258 * 3	258.3	2007	34	110-130	19-21
60	48	252 * 2	252.2	1820	37	100-120	18-19
120	24	126 * 2	126.2	900	32	70-90	10-12

**i** Lifecycle Polyamide- 100% Recycle...  
by AMANN GROUP Amann & Söh...

[View Details](#)



**Cotton spun, mercerized, 100% organic**


- ORACLE TO ORACLE CERTIFIED™ GOLD
- made from extra long staple mercerized cotton, GOTS certified
- especially developed for the biological cycle
- only dyed with compatible dyes
- optimal dyeing properties if using an a permanent dyeing thread
- ideal choice for manufacturing sustainable products

**Technical data:**

Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
110	100	258 * 3	258.3	3700	7	120-130	19-21
124	80	270 * 3	270.3	2900	7	110-120	18-21
130	60	270 * 3	270.3	2300	8	100-120	18-19
140	48	156 * 3	156.3	1600	8	80-100	13-16
150	36	120 * 3	120.3	1300	8	70-90	11-13
160	30	100 * 3	100.3	980	8	70-90	10-12

**i** Lifecycle Cotton  
by AMANN GROUP Amann & Söh...

[View Details](#)



**Polyester continuous filament, texturized, 100% recycled**

- AMANN's sustainable bulk yarn made from 100% recycled PET bottles
- GRS certified
- pure sustainability combined with very good sewing performance
- soft, voluminous, skin-friendly
- for all sewing and coverstitch seams
- for optimal edge covering
- the ideal choice for manufacturing sustainable products

**Technical data:**


Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
120	18	150 * 1	150.1	600	28	80-90	11-14

**Fastness properties:**

Colour fastness to artificial daylight (ISO 105 B02)	4.5
Colour fastness to bleaching with hypochlorite (ISO 105 N 11)	4.5
Colour fastness to perspiration (ISO 105 E04)	4.4
Colour fastness to rubbing (dry) (ISO 105 X 12)	4.4
Colour fastness to rubbing (wet) (ISO 105 Y 13)	4.4
Colour fastness to washing 60°C (ISO 105-C08 C20)	4.4
Colour fastness to water (ISO 105 E 01)	4.4

**i** Sabarex Recycled  
by AMANN GROUP Amann & Söh...

[View Details](#)



**Polyester staple spun**


- the economic sewing thread for general sewing needs
- excellent sewing properties
- great in fabric and colours
- soothe appearance
- for clipping and headstitch seams
- for mail embroidery

**Technical data:**

Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
10	270	340 * 3	340.3	13200	20	140-160	23-25
20	180	340 * 3	340.3	8100	21	140-160	23-25
28	135	310 * 4	311.4	3078	19	130-160	21-23
36	90	310 * 4	311.4	1547	17	110-160	18-22
60	60	207 * 5	207.5	2207	19	100-130	18-21
90	40	157 * 7	157.7	1200	18	100-130	18-21
75	48	144 * 5	144.5	1000	18	90-120	14-19
110	27	142 * 5	142.5	980	18	80-90	9-14
120	24	150 * 5	150.5	1064	18	70-90	10-14
150	21	120 * 5	120.5	800	18	60-80	9-14
180	18	100 * 5	100.5	604	18	60-80	9-12

**i** Universal  
by AMANN GROUP Amann & Söh...

[View Details](#)



**Polyester staple spun, 100% recycled**


- AMANN's sustainable thread made from 100% recycled PET bottles
- GRS certified
- pure sustainability combined with good sewing performance
- soothe appearance
- the ideal choice for manufacturing sustainable products

**Technical data:**

Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
28	100	310 * 4	311.4	4800	19	100-160	21-23
30	90	310 * 4	311.4	3070	17	110-150	18-22
60	60	200 * 5	200.5	2300	19	100-130	18-21
75	48	152 * 5	152.5	1900	17	100-130	18-21
110	27	148 * 5	148.5	1700	18	80-90	9-14
120	24	150 * 5	150.5	1700	17	70-90	10-14
150	21	120 * 5	120.5	1300	18	60-80	9-14
180	18	100 * 5	100.5	980	18	60-80	9-14

**i** Universal Recycled  
by AMANN GROUP Amann & Söh...

[View Details](#)



**Polyester/polyester core spun, 100% recycled**


- AMANN's sustainable thread made from 100% recycled PET bottles
- GRS certified
- pure sustainability combined with outstanding sewing performance
- ideal abrasion resistance and strength properties
- soothe appearance
- the ideal choice for manufacturing sustainable products

**Technical data:**

Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
30	105	350 * 3	350.3	5500	24	110-130	18-21
35	90	420 * 2	420.2	4300	24	100-120	18-19
60	60	225 * 5	225.5	3200	25	90-110	14-18
80	40	225 * 5	225.5	2170	24	80-100	14-16
110	27	148 * 5	148.5	1900	19	80-100	14-16
120	24	140 * 5	140.5	1800	23	70-90	10-12

**i** Saba Recycled  
by AMANN GROUP Amann & Söh...

[View Details](#)



**Polyester/polyester core spun**

- AMANN's all rounder
- high performing, outstanding sewing behaviour
- ideal abrasion resistance and strength properties
- great in fabric and colours
- soothe appearance
- for clipping and topstitch seams
- for mail embroidery

**Technical data:**

Thread No.	Line	Linear density (g/9000m)	Linear density (g/10000m)	Breaking force (N)	Elongation at break (%)	Wear test (100 cycles)	Wear test (500 cycles)
12	360	210 * 2	210.2	10000	21	210-230	28-31
13	360	210 * 2	210.2	10000	21	180-190	23-24
14	360	210 * 2	210.2	10000	21	140-160	21-23
18	270	285 * 3	285.3	5800	24	110-130	18-21
20	180	420 * 2	420.2	4300	24	100-120	18-19
30	105	420 * 2	420.2	3200	25	90-110	14-18
40	75	225 * 5	225.5	2170	24	80-100	14-16
60	60	225 * 5	225.5	1600	19	80-100	14-16
120	24	142 * 5	142.5	1300	19	70-90	10-12
150	21	110 * 5	110.5	1000	18	60-70	9-10

**i** Saba  
by AMANN GROUP Amann & Söh...

[View Details](#)



# Sharing The Data – Fabric Details

## Component\Leather Details

**UNIVERSAL  
RECYCLED**

### Polyester staple spun, 100% recycled

- AMANN's sustainable thread made from 100% recycled PET bottles
- GRS certified
- pure sustainability combined with good sewing performance
- textile appearance
- the ideal choice for manufacturing sustainable products



### Technical data:

Ticket no.	Tex no.	Linear density (dtex) (DIN EN ISO 2090)	Linear density (Nm) (DIN EN ISO 2090)	Breaking force (cN) (DIN EN ISO 2042)	Elongation at break (%) (DIN EN ISO 2062)	Needle size Nm	Needle size No.
25	105	310 * 4	32 / 4	4496	19	130-160	21-23
30	80	312 * 3	32 / 3	3070	17	110-150	18-22/23
50	60	300 * 2	33 / 2	2337	16	100-130	16-21
75	40	152 * 3	66 / 3	1563	17	100-130	16-21
110	27	145 * 2	69 / 2	915	16	65-90	9-14
120	27	103 * 3	97 / 3	1020	17	70-90	10-14
150	21	128 * 2	78 / 2	860	16	65-90	9-14

Vendor: AMANN GROUP Amann & Söhne GmbH & Co. KG

Vendor Item: Universal Recycled

Fiber Contents: 100% Polyester Recycled

Description: Polyester staple spun, 100% recycled- Sewing & Embroidery thread

Certificate: STANDARD 100 by OEKO-TEX®

Certificate Number: 08.0423

Testing Institute: HOHENSTEIN HTTI

Status: VALID



## Fabric Details



Vendor: Zhaoqing Gaorun Development Co., Ltd.

Vendor Item: 10

Fiber Contents: 95% Cotton, 5% Polyester Recycled

Structure: Woven

Construction: Twill

Weight: 271.25 g/m<sup>2</sup> : 8.00 oz/yd<sup>2</sup>

Width: 167.00 cm : 65.75 in

Certificate: Oeko-Tex Standard 100

Certificate Number: 08.RA.57057

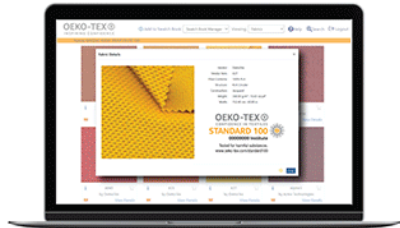
Status: Active



☆ Close

# CertLink

## Materials



1. Suppliers enter fabric, trim and leather data into CertLink and link them to their OEKO-TEX® Certificates.

2. Fabric, trim and leather data is matched with OEKO-TEX® Certificates and stored within Texbase.

3. Leather, fabric and trim information is displayed to brand and retailers through the OEKO-TEX® Global Library.



## Products



1. Suppliers enter finished product data into CertLink and link them to their OEKO-TEX® Certificates.

2. Product data is matched with OEKO-TEX® Certificates and stored within Texbase.

3. Data is sent to retailers who then display OEKO-TEX® Certificates on product pages.



# What's The Formula For Success?

Sustainability + Traceability = Brand Integrity



Define it.



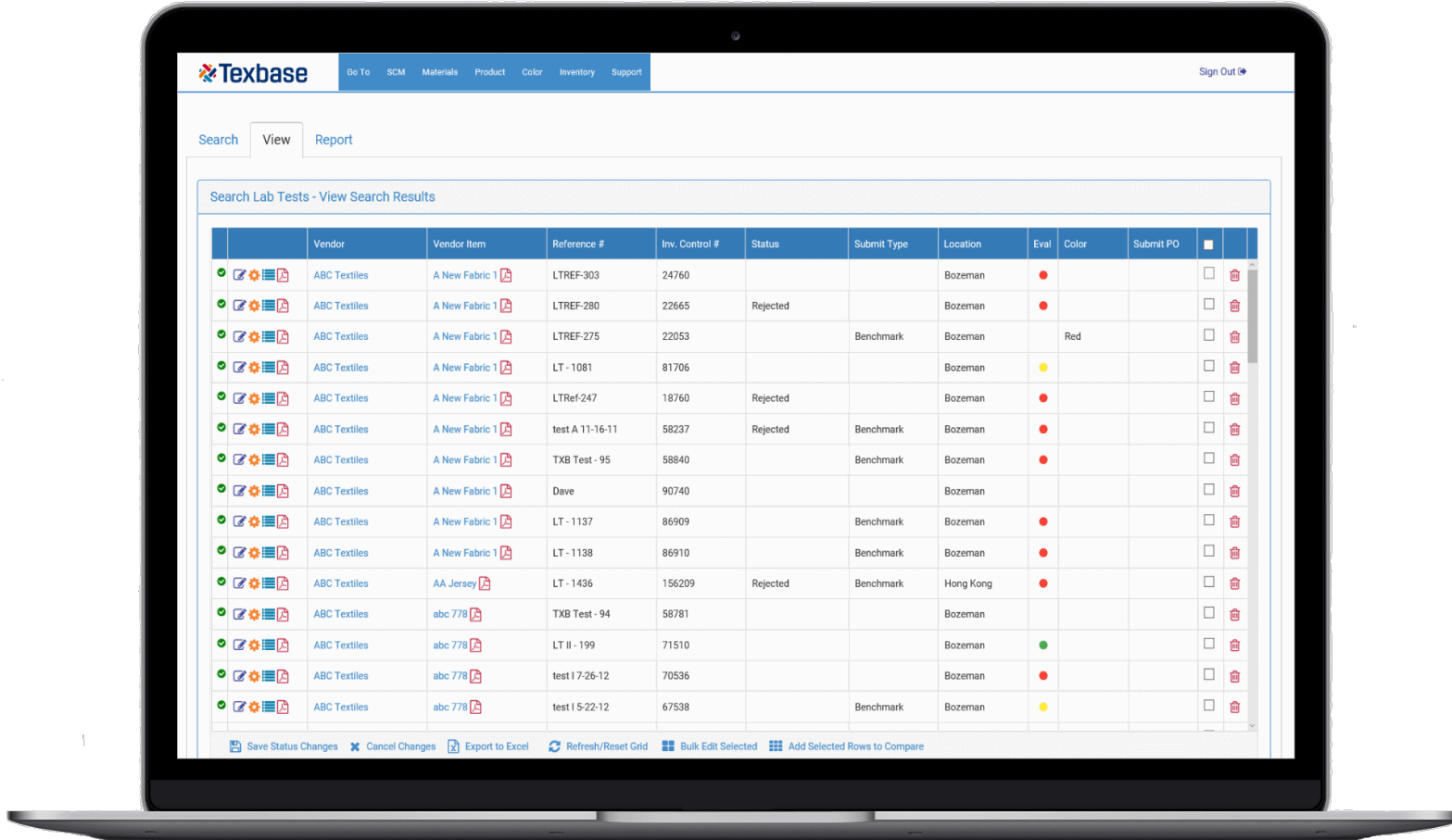
Document it.



Maintain/Grow it.

# Texbase

## One Location For All Your Test Reports & Test Data



The screenshot displays the Texbase web application interface. At the top, there is a navigation bar with the Texbase logo and menu items: Go To, SCM, Materials, Product, Color, Inventory, Support, and Sign Out. Below the navigation bar, there are tabs for Search, View, and Report. The main content area is titled "Search Lab Tests - View Search Results" and contains a table with the following columns: Vendor, Vendor Item, Reference #, Inv. Control #, Status, Submit Type, Location, Eval, Color, and Submit PO. The table lists 15 test results, with various statuses such as "Rejected" and "Benchmark".

	Vendor	Vendor Item	Reference #	Inv. Control #	Status	Submit Type	Location	Eval	Color	Submit PO		
	ABC Textiles	A New Fabric 1	LTREF-303	24760			Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	LTREF-280	22665	Rejected		Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	LTREF-275	22053		Benchmark	Bozeman		Red		<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	LT - 1081	81706			Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	LTRef-247	18760	Rejected		Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	test A 11-16-11	58237	Rejected	Benchmark	Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	TXB Test - 95	58840		Benchmark	Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	Dave	90740			Bozeman				<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	LT - 1137	86909		Benchmark	Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	A New Fabric 1	LT - 1138	86910		Benchmark	Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	AA Jersey	LT - 1436	156209	Rejected	Benchmark	Hong Kong	●			<input type="checkbox"/>	
	ABC Textiles	abc 778	TXB Test - 94	58781			Bozeman				<input type="checkbox"/>	
	ABC Textiles	abc 778	LT II - 199	71510			Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	abc 778	test I 7-26-12	70536			Bozeman	●			<input type="checkbox"/>	
	ABC Textiles	abc 778	test I 5-22-12	67538		Benchmark	Bozeman	●			<input type="checkbox"/>	

At the bottom of the table, there are several utility buttons: Save Status Changes, Cancel Changes, Export to Excel, Refresh/Reset Grid, Bulk Edit Selected, and Add Selected Rows to Compare.

- Performance
- Chemical
- Regulatory
- Quality Control
- Automatic Calculations
- Automatic Evaluation of Results
- Lab Test Data Importer
- Standard or Custom Test Methodologies & Data Schema
- Centralized Data Collection and Analysis



We've Got you Covered  
Booth #405

# Best Practices Workflow: Materials & Color

1

Suppliers enter materials and match to certificates



2

BRAND imports from OEKO-TEX® Library into brand specific library in Texbase

4

Material suppliers match BRAND colors to their certified fabrics/trims



5

OEKO-TEX® institutes certify or test additional uncertified colors

3

PLM sends colors to BRAND Texbase

6

Texbase notifies PLM of new/updated certified material/colors

7

PLM users build BOMS using certified materials/colors.

BRAND PLM