



**PRODUCT  
RANGE**





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**THE COMPANY**



# THE COMPANY

## Innovation since 1854

Since 1854, AMANN has been one of the leading global producers in the field of high-quality sewing and embroidery threads. Its technical expertise, reliability and flexibility in production and service makes AMANN a strong partner worldwide.

More than 2,500 motivated employees in more than 100 countries worldwide make AMANN's success possible. AMANN Group exclusively produces at its own production sites. The company headquarters are located in Bönningheim, Germany.

## Commitment to the precepts of the UN global compact

As a global company, AMANN has made the conscious decision to enter into the UN Global Compact. "The United Nations Global Compact is the world's biggest and most important initiative for responsible corporate management. Based on ten universal principles and the Sustainable Development Goals, it pursues the vision of an inclusive and sustainable global economy to the benefit of all people, communities and markets, today and in the future."<sup>1</sup>

<sup>1</sup> German Global Compact Network office: United Nations Global Compact

It is AMANN's ambition not only to be a pioneer in terms of high-quality, sophisticated products, but also in activities in the spirit of sustainability.

Learn more about our sustainable achievements and targets in our annually published Sustainability Report.

## Certification & safety

Ensuring our high quality and environmental standards is an essential part of the AMANN philosophy. That is why we comply with the following internationally recognised certifications and standards:

- Quality management system ISO 9001
- Automotive quality management system IATF 16949
- Environmental management system ISO 14001
- Higg Index Facility Environmental Module (Higg Index FEM)
- Higg Index Facility Social and Labour Module (Higg Index FSML)

## Product certifications

The compliance with REACH guarantees that AMANN's products are not harmful. Moreover, they are certified according to STANDARD 100 by OEKO-TEX®, and a large number of the products are even certified to the stricter criteria of appendix 6.

Several AMANN products have been examined concerning the industrial wash resistance according to DIN EN ISO 15797, and have received the PRO-Label certification according to DIN EN ISO 30023.

The products from our Lifecycle line are Cradle to Cradle Certified® Gold and the products from our Recycled line are available as Global Recycled Standard (GRS) certified.



A photograph of two men in a factory or workshop setting. The man on the left is bald with a beard, wearing a light blue shirt, a dark patterned tie, and a dark blue vest. The man on the right has brown hair, a beard, and glasses, wearing a dark blue sweater. They are both looking down at a piece of white fabric with blue embroidery that the man on the right is holding. The background shows industrial equipment and large windows.

**SERVICE**



# SERVICE

## **Our promise**

From development to production and everyday customer support, quality, precision and a great deal of creativity and passion characterise AMANN's performance.

## **Reliability**

Based on its vast expertise in the production of sewing and embroidery threads, AMANN has been serving the global textile industry for decades. AMANN is a reliable partner for all industries and offers professional product solutions, from fashionable to technical applications.

## **International Sales Team**

Direct points of contact all over the world facilitate a more personal communication and have comprehensive understanding for the procedures within the sewing and embroidery industry.

## **Colour competence**

Colour is a crucial topic within the textile industry. The AMANN colour competence center utilises state-of-the-art technologies and employs experienced experts. A huge colour range that is available

worldwide covers the most diverse requirements of all industries: from fashion to shoes & leather, from automotive industry to technical applications.

## **Logistics and warehousing**

As an internationally leading producer of high-quality sewing and embroidery threads, shipping and warehousing are a part of AMANN's daily business. Just-in-time-delivery, flexibility in meeting customer requirements and efficient logistics management – this is what AMANN stands for.

## **AMANN technical advisory services (TAS)**

As strong and reliable as our yarns: Advice on sewing and embroidery technology is one of our core competencies, which we are continuously expanding with the aid of various test and analysis procedures. In our ultra-modern AMANN Technical Advisory Services (TAS), we put our products through their paces and analyse them down to the smallest fibre. This puts us in a position to keep our quality promise and enables us to constantly expand our specialist knowledge.

The team at our technology centre provides solid and reliable advice for all issues relating to applications and products. We are happy to pass on our knowledge to you in individual customer workshops, technical seminars or specialist lectures. Based on decades of experience and cutting-edge know-how, we support you in all questions concerning your business, whether you want to increase your productivity or precisely calculate your material requirements. You can also count on us for special topics – from the development of sewing technology to processing testing.

Our application-oriented consulting knows literally no limits: our experts are at your side worldwide. We are always up to the minute when it comes to the processing of new materials.





# **SUSTAINABLE PRODUCT RANGE**



# SUSTAINABLE PRODUCT RANGE

## Lifecycle or recycled

AMANN develops its products in a targeted manner in order to make them not only more sustainable, but also more environmentally friendly through the use of selected recycled and natural materials. Our sustainable product range consists of two product lines: the Cradle to Cradle Certified® Gold Lifecycle line and the GRS-certified Recycled line.

## Lifecycle line

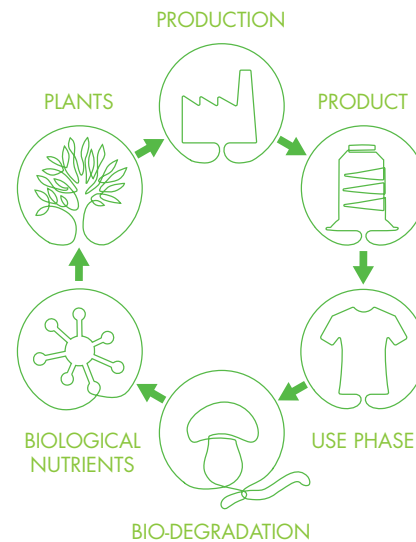
Cradle to Cradle®, stands for a consistent, continuous recycling management, where no waste is generated, as the Cradle to Cradle® products are either used as biological nutrients in biological cycles, or they are continuously kept in technical cycles as technical nutrients. With our Lifecycle line, we can offer Cradle to Cradle Certified® Gold sewing threads for both cycles: Lifecycle Cotton for the biological cycle and Lifecycle Polyamide for the technical cycle.

## Recycled line

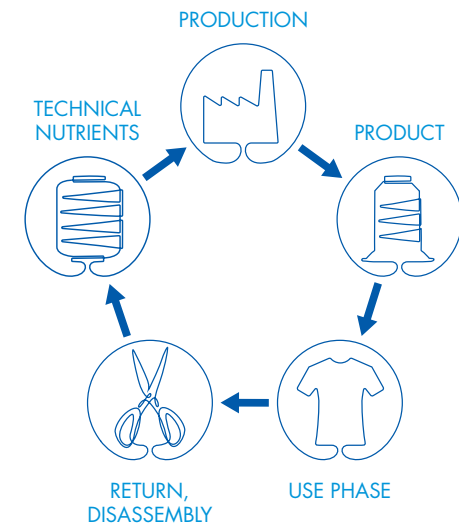
Our high-quality sewing and embroidery threads from the Recycled line are made from 100% recycled PET and are available as Global Recycled Standard (GRS) certified. They have the same quality features as our standard range products, for instance in terms of breaking strength, abrasion resistance and sewability.

## Eco-friendly WRe-finish

The finish of our sewing threads is also systematically optimised. For example, in the production of water-repellent sewing threads, we have replaced environmentally harmful perfluoroalkyl and polyfluoroalkyl substances (PFAS) with environmentally compatible alternatives.



BIOLOGICAL CYCLE



TECHNICAL CYCLE



## Product properties:

- Cradle to Cradle Certified® Gold
- Made from extra long-staple mercerised organic cotton
- Specially developed for the biological cycle
- Only dyed with compostable dyes
- Optimal dyeing properties if using as a garment dyeing thread
- Ideal choice for manufacturing sustainable products

## Raw material:

- Cotton, 100% organic

## Construction type:

- Spun, mercerised

## Main application:



- Ladieswear, menswear
- Children's clothing
- Garment dyeing

## Other applications:

- Embroidery


Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
18	105	120	19	2.500 m Co
24	80	110	18	5.000 m Co
30	60	100	16	5.000 m Co
40	40	80	12	5.000 m Co
50	35	75	11	5.000 m Co
60	30	70	10	5.000 m Co

Co =

### Product properties:

- Cradle to cradle Certified® Material Health Gold
- The first recycled polyamide sewing thread
- Made from recycling of textile waste
- Specially developed for technical cycles
- Robust, abrasion-resistant, durable
- Excellent strength and colour fastness properties
- The ideal choice for manufacturing sustainable products

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
40	70	110	18	1.200 m FS
60	45	100	16	1.800 m FS 6.000 m FS
120	24	70	10	4.000 m FS 1.000 g

FS/KS = 

### Raw material:

- Polyamide 6, 100% recycled

### Construction type:

- Continuous filament

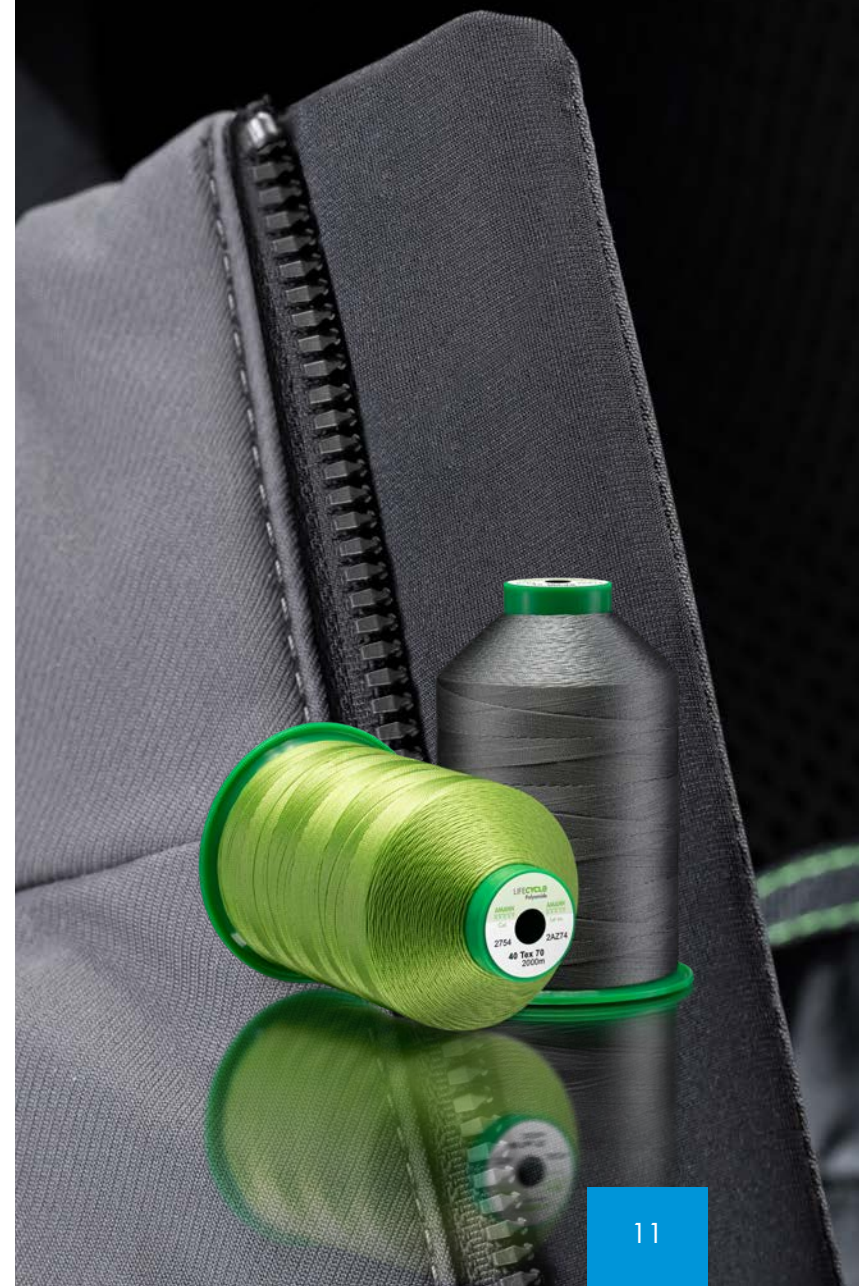
### Main application:



- Ladieswear, Menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Workwear

### Other applications:

- Shoes & accessories





### Product properties:

- AMANN's sustainable thread made from 100% recycled polyester
- Available as GRS certified
- Pure sustainability combined with outstanding sewing performance
- Ideal abrasion resistance and strength properties
- Textile appearance
- The ideal choice for manufacturing sustainable products

### Raw material:

- Polyester, 100% recycled

### Construction type:

- Core spun

### Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Workwear
- Leatherwear
- Denim

### Other applications:

- Embroidery
- Home interior


Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
30	105	110	18	3.000 m Co
35	80	100	16	5.000 m Co
50	60	90	14	2.500 m Co
80	40	80	12	5.000 m Co
100	30	75	11	5.000 m Co
120	24	70	10	5.000 m Co
150	21	65	9	5.000 m Co

Co =

### Product properties:

- AMANN's economic thread made from 100% recycled polyester
- Available as GRS certified
- Pure sustainability combined with good sewing performance
- Textile appearance
- The ideal choice for manufacturing sustainable products

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
110	27	65	9	5,000 m Co
120	27	70	10	5,000 m Co

Co = 

### Raw material:

- Polyester, 100% recycled

### Construction type:

- Staple spun

### Main application:



- Ladieswear, menswear
- Children's clothing
- Underwear & lingerie
- Leatherwear
- Sportswear & outdoor
- Workwear
- Denim

### Other applications:

- Embroidery
- Home interior





### Product properties:

- AMANN's sustainable bulk yarn made from 100% recycled polyester
- Available as GRS certified
- Pure sustainability combined with very good sewing performance
- Soft, voluminous, skin-friendly
- For all serging and coverstitch seams
- For optimal edge covering
- The ideal choice for manufacturing sustainable products

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
100	35	–	–	5.000 m Co 10.000 m FS
120	18	80	12	10.000 m Co

Co =  FS/KS = 

### Raw material:

- Polyester, 100% recycled

### Construction type:

- Continuous filament, texturised

### Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Workwear

### Other applications:

- Home interior

## Product properties:

- High-bulk, high coverage
- Available as GRS certified
- Made from consistent highly textured recycled polyester
- The perfect choice for next to skin seams
- For all serging and coverstitch seams
- Specially developed for maximum coverage and seam softness
- Usable as cover and looper thread

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
110	24	–	–	5.000 m Co

Co =  FS/KS = 

## Raw material:

- Polyester, 100% recycled

## Construction type:

- Continuous filament, high-textured

## Main application:



- Sportswear & outdoorwear
- Underwear & lingerie





### Product properties:

- AMANN's sustainable microfilament bulk yarn made from 100% recycled polyester
- Available as GRS certified
- Combines sustainability with maximum softness thanks to the use of superfine, recycled microfilaments
- For soft seams in underwear, activewear, bikewear and fitnesswear
- For all serging and coverstitch seams

### Raw material:

- Polyester, 100% recycled

### Construction type:


- Continuous microfilament, texturised

### Main application:



- Sportswear & outdoor
- Underwear & lingerie


Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
120	18	–	–	5.000 m Co

Co = 

## Product properties:

- For all fine materials: AMANN's sustainable thread made from 100% recycled polyester
- Delicate, silk-like, adaptive, semi-transparent
- Available as GRS certified
- For high-quality overedging not showing through
- For all felling and blindstitching work
- For embroidering monograms and fine details
- The ideal choice for manufacturing sustainable products
- Ideal for processing down

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
150	21	65	9	5.000 m FS
180	16	65	9	5.000 m FS

FS/KS = 

## Raw material:

- Polyester, 100% recycled

## Construction type:

- Continuous filament

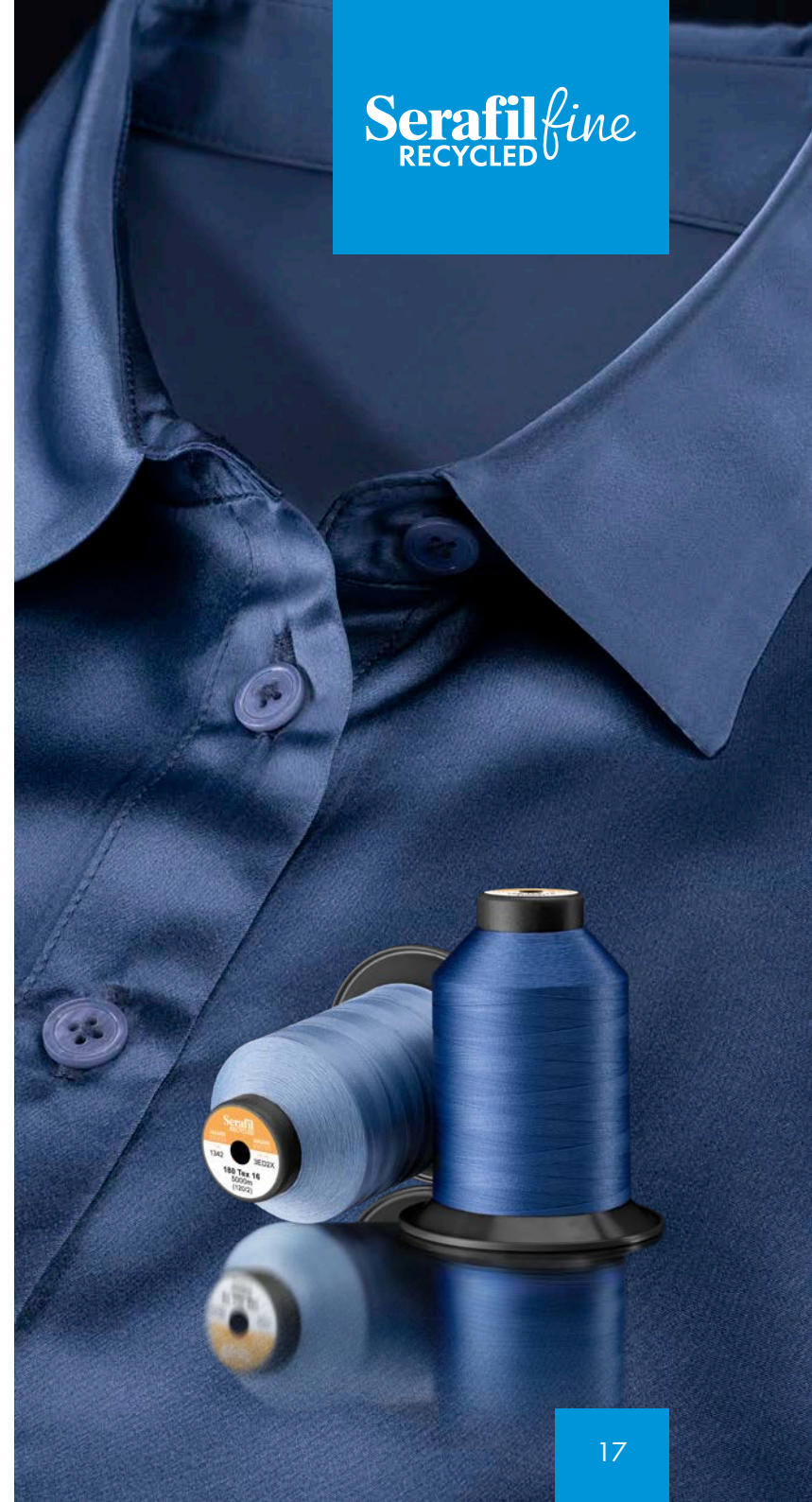
## Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie

## Other applications:

- Embroidery





### Product properties:

- AMANN's sustainable elastic thread made from 100% recycled PBT
- Sabaflex Recycled ensures highly elastic and durable seams
- available as GRS certified
- High elasticity with effortless processing
- the ideal choice for manufacturing sustainable products


### Raw material:

- PBT (Polybutylene terephthalate), 100 % recycled

### Construction type:

- Continuous filament

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
120	27	70	10	1500 m FS

FS/KS = 

### Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoorwear
- Underwear & lingerie
- Workwear

### Other applications:


- Home interior
- Shoes & Accessories



## Product properties:

- AMANN's sustainable thread made from 100% recycled polyester
- Available as GRS certified
- Pure sustainability combined with outstanding sewing performance
- High seam strength
- Shiny appearance
- The ideal choice for manufacturing sustainable products

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
10	270	180	24	300 m FS 1.000 m FS
15	210	150	23	450 m FS 1.500 m FS
20	135	120	19	600 m FS 2.500 m FS
30	90	100	16	900 m FS 4.000 m FS
40	70	90	14	1.200 m FS 5.000 m FS
60	45	80	12	1.800 m FS 5.000 m FS
80	30	70	10	2.400 m FS 10.000 m FS

FS/KS = 

## Raw material:

- Polyester, 100% recycled

## Construction type:

- Continuous filament

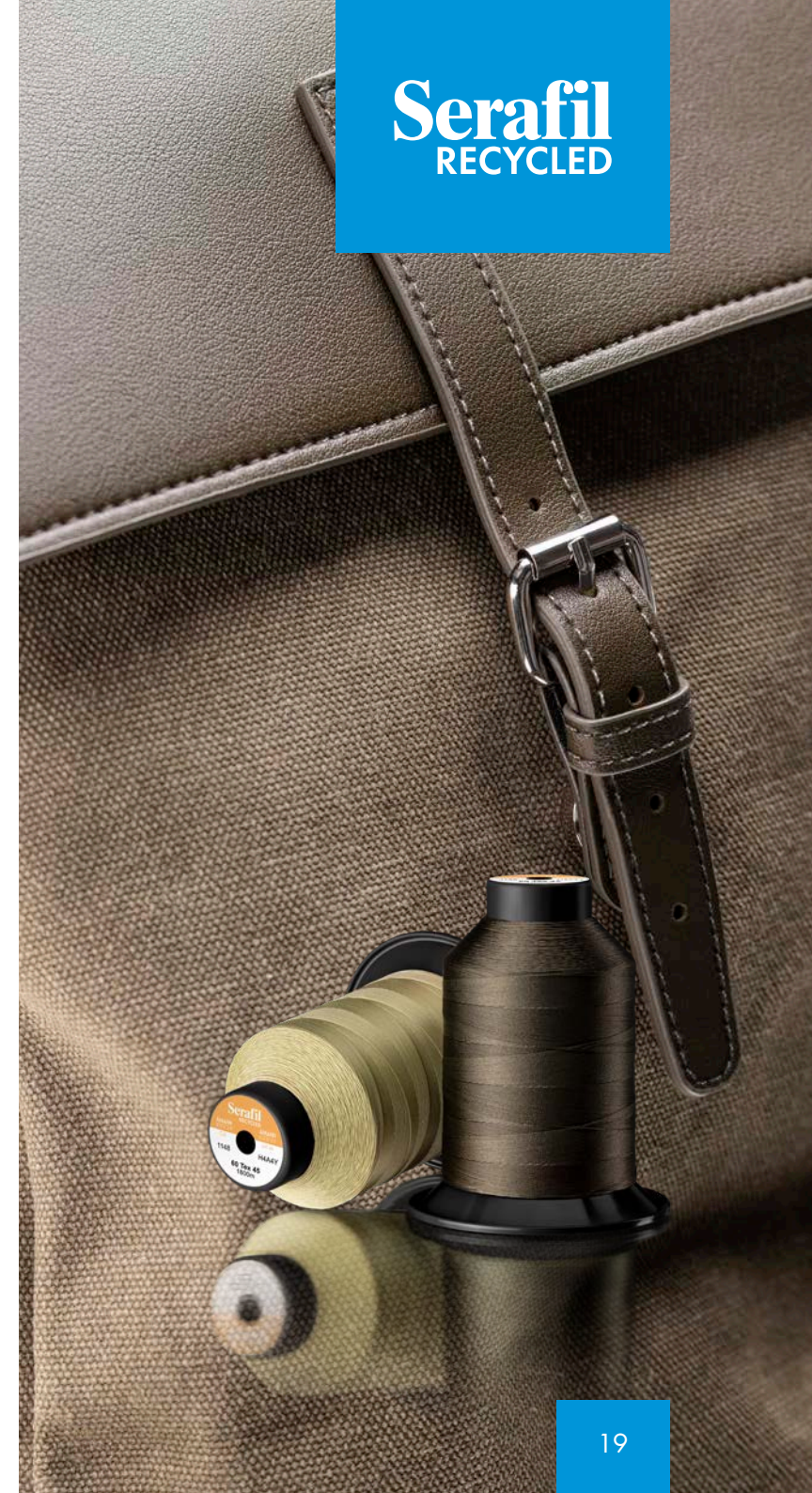
## Main application:



- Shoes
- Bags
- Suitcases
- Belts and small leather goods

## Other applications:

- Embroidery
- Home interior
- Techtex





### Product properties:

- AMANN's sustainable sewing thread made from 100% recycled polyamide
- Available as GRS certified
- The robust, bonded sewing thread
- Pure sustainability combined with outstanding sewing performance
- Brilliant colours & textile look
- The ideal choice for manufacturing sustainable products

### Raw material:

- Polyamide, 100% recycled

### Construction type:

- Continuous filament

### Main application:




- Shoes
- Bags
- Suitcases
- Belts and small leather goods


### Other applications:

- Home interior
- Techtext

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
20	135	160	23	1.500 m FS
30	90	140	22	2.500 m FS
40	70	120	19	3.500 m FS
60	45	100	16	5.000 m FS

FS/KS = 



A close-up photograph of a black and yellow sneaker. The shoe features white stitching and a yellow accent on the side. Numerous water droplets are visible on the black upper material, demonstrating its water-repellent properties. The sole is white with yellow accents.

**WATER-REPLENT &  
ECO-FRIENDLY FINISH**

### Product properties:

- WRe = water-repellent and ecofriendly
- Free from harmful chemicals
- AMANN's allrounder
- For water-repellent closing and topstitch seams
- High-performing, outstanding sewing behaviour
- Ideal abrasion resistance and strength properties
- Textile appearance
- For water-repellent matt embroidery

### Raw material:

- Polyester/polyester

### Construction type:

- Core spun, water-repellent, PFAS-free

### Main application:




- Ladieswear, menswear
- Children's clothing
- Leatherwear
- Sportswear & outdoor
- Workwear

### Other applications:

- Embroidery

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
25	120	130	21	5.000 m Co
30	105	110	18	3.000 m Co
35	80	100	16	5.000 m Co
50	60	90	14	2.500 m Co 5.000 m Co
80	40	80	12	5.000 m Co
100	30	75	11	5.000 m Co
120	24	65	9	5.000 m Co
150	21	55	7	5.000 m Co


Co = 



## Product properties:

- For all fine materials: AMANN's sustainable thread made from 100% recycled polyester
- WRe = water-repellent and ecofriendly
- Ideal for processing down
- For embroidering water-repellent monograms and fine details
- Available as GRS certified
- The ideal choice for manufacturing sustainable, water-repellent products

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
150	21	65	9	5.000 m FS

FS/KS = 

## Raw material:

- Polyester, 100% recycled

## Construction type:

- Continuous filament, water-repellent, PFAS-free

## Main application:

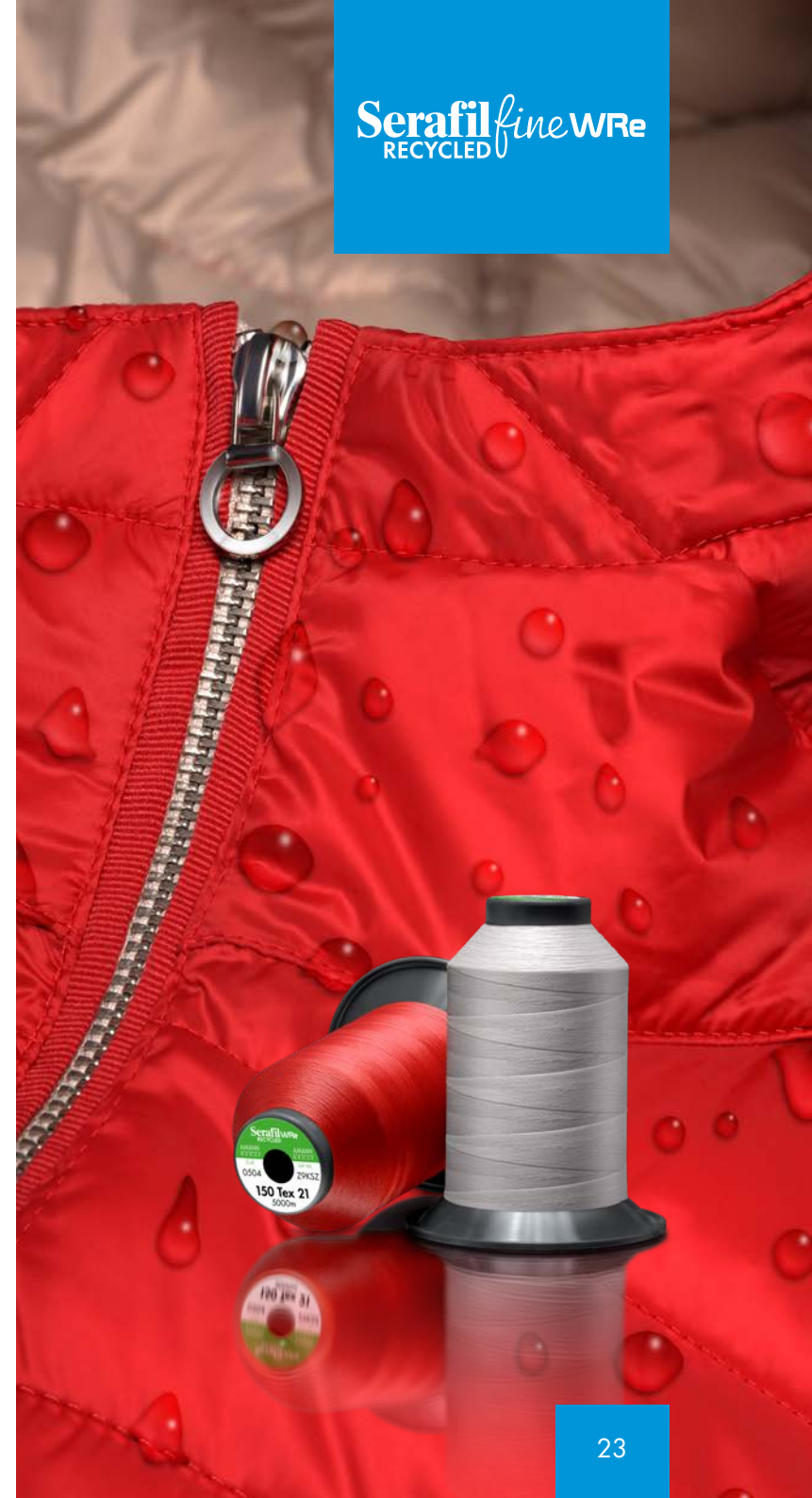


- Sportswear & outdoorwear

## Other applications:

- Embroidery

**Serafil** *fine* WRe  
RECYCLED



## Product properties:

- WRe = water-repellent and ecofriendly
- Free from harmful chemicals
- The outstanding product for shoes
- For water-repellent closing and decorative seams
- High seam strength
- Best sewing performance with perfect stitch formation
- Suitable for water-repellent coarse decorative embroidery

## Raw material:

- Polyester

## Construction type:

- Continuous filament, water-repellent, PFAS-free

## Main application:



- Shoes

## Other applications:

- Embroidery
- Techtex

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
10	270	180	24	300 m FS
15	210	150	23	450 m FS
20	135	120	19	600 m FS 2.500 m FS
30	90	100	16	900 m FS 4.000 m FS
40	70	90	14	1.200 m FS 5.000 m FS
60	45	80	12	1.800 m FS
80	30	70	10	2.400 m FS

FS/KS =


Colours can be darker with WRe finish.



## Product properties:

- AMANN's sustainable, water-repellent sewing thread made from 100% recycled polyester
- Available as GRS certified
- WRe = water-repellent and ecofriendly
- Free from harmful chemicals
- Pure sustainability combined with outstanding sewing performance
- High seam strength and shiny appearance
- The ideal choice for manufacturing sustainable, water-repellent products

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
10	270	180	24	300 m FS
15	210	150	23	450 m FS
20	135	120	19	600 m FS
30	90	100	16	900 m FS
40	70	90	14	1.200 m FS 5.000 m FS
60	45	80	12	1.800 m FS
80	30	70	10	2.400 m FS

FS/KS =  Colours can be darker with WRe finish.

## Raw material:

- Polyester

## Construction type:

- Continuous filament, water-repellent, PFAS-free

## Main application:

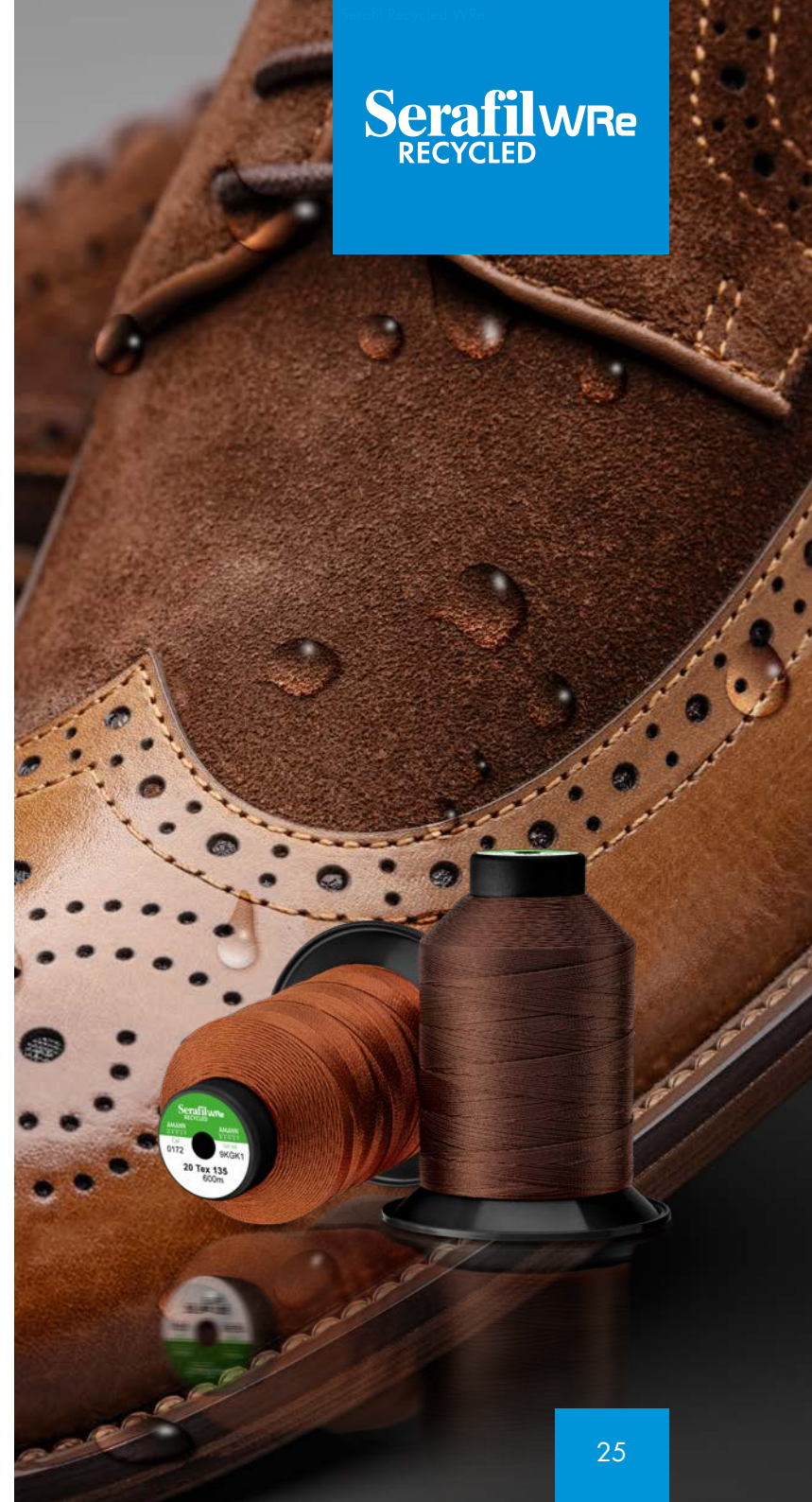


- Shoes

## Other applications:

- Embroidery
- Tectex

**Serafil**WRe  
RECYCLED





# ONYX<sup>WRe</sup>

## Product properties:

- WRe = water-repellent and ecofriendly
- Free from harmful chemicals
- The ultra-strong sewing thread for stressed seams
- For water-repellent closing and topstitch seams
- Robust, abrasion-resistant, durable
- Excellent strength properties


## Raw material:

- Polyamide 6.6

## Construction type:

- Continuous filament, water-repellent, PFAS-free

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
20	135	140	22	2.000 m FS
30	105	130	21	2.500 m FS
40	70	110	18	4.000 m FS
60	45	90	14	6.000 m FS

FS/KS = 

Colours can be darker with WRe finish.

## Main application:



- Shoes

## Other applications:

- Tectex



## Product properties:

- WRe = water-repellent and ecofriendly
- Free from harmful chemicals
- The braided thread for individual decorative effects
- Decorative, impressive, effective
- For water-repellent closing and topstitch seams

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
1400	1030	–	–	300 m SSP
1000	500	260	28	500 m SSP

XW =  SSP = 

## Raw material:

- Polyester

## Construction type:

- Continuous filament, braided, water-repellent, PFAS-free

## Main application:



- Shoes

## Other applications:

- Techtex

**Serabraid**WRe



## Product properties:

- WRe = water-repellent and ecofriendly
- Free from harmful chemicalst
- The robust, bonded sewing thread
- Brilliant colours, textile look & feel
- For seams with maximum durability
- Best sewing performance
- For multidirectional sewing

## Raw material:

- Polyamide 6.6

## Construction type:

- Continuous filament, bonded, water-repellent, PFAS-free

## Main application:




- Shoes
- Bags
- Suitcases
- Belts and small leather goods

## Other applications:

- Home interior
- Techtex

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
20	135	160	23	750 m FS 1.500 m FS 3.000 m FS
30	90	140	22	1.250 m FS 2.500 m FS
40	70	120	19	1.750 m FS 3.500 m FS
60	45	100	16	4.500 m FS 2.250 m FS

FS/KS = 



## Product Properties:

- AMANN's all-rounder
- High-performing, outstanding sewing behaviour
- Ideal abrasion resistance and strength properties
- Great in tickets and colours
- Textile appearance
- For closing and topstitch seams
- For matt embroidery

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
8	400	200	25	800 m Co
12	260	150	23	1.100 m Co
18	200	140	22	1.400 m Co
30	105	110	18	10x300 m XW 3.000 m Co
35	80	100	16	5.000 m Co
50	60	90	14	10x500 m XW 2.500 m Co
80	40	80	12	10x1.000 m XW 5.000 m Co
100	30	75	11	10x1.000 m XW 5.000 m Co
120	24	65	9	10x1.000 m XW 5.000 m Co
150	21	55	7	10x1.000 m XW 5.000 m Co
180	18	50	6	5.000 m Co

Co =  XW = 

## Raw material:

- Polyester/polyester

## Construction type:

- Core Spun

## Main application:

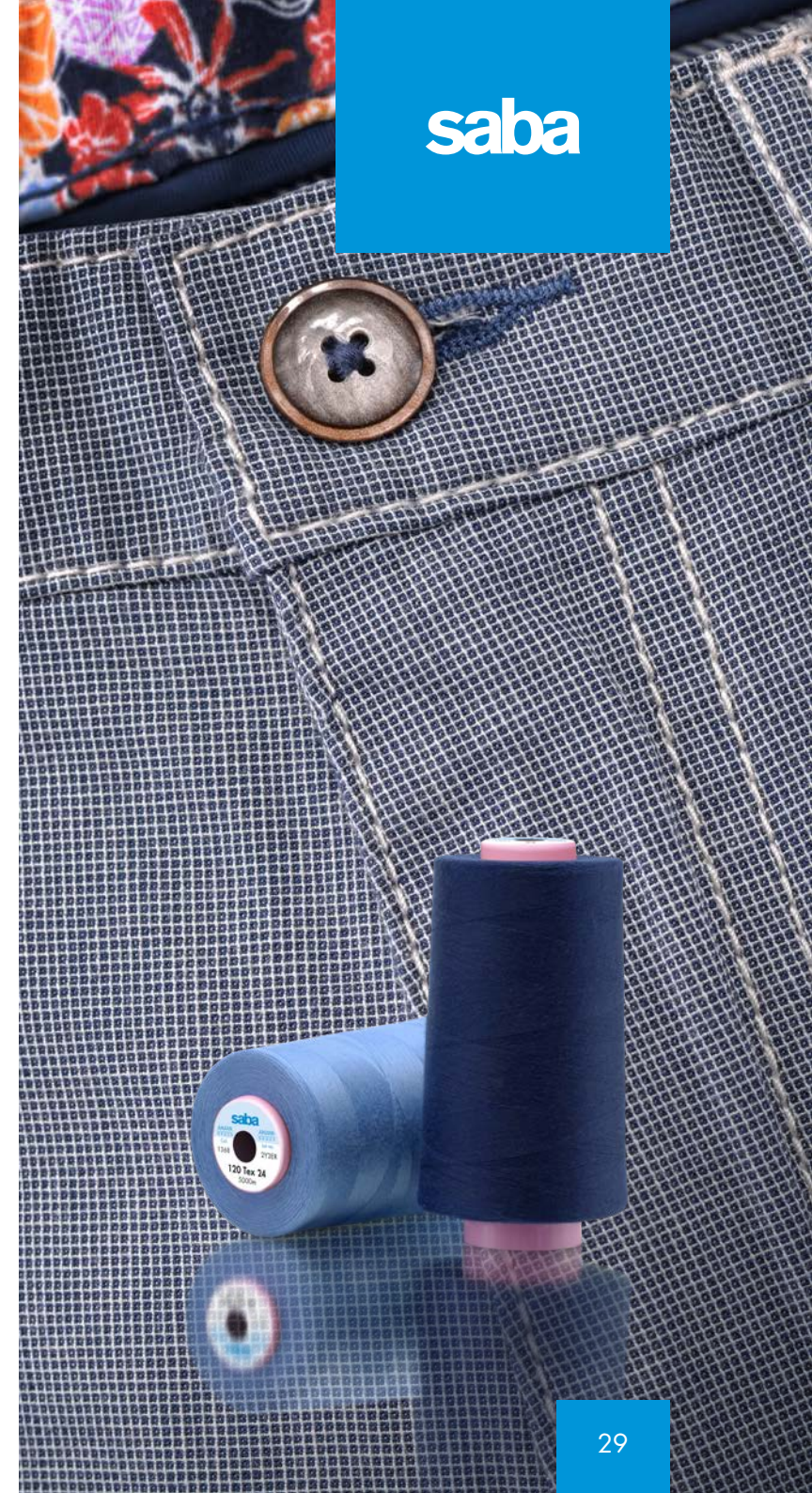


- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Workwear
- Leatherwear
- Denim

## Other applications:

- Embroidery
- Home interior
- Techtex

saba





## Product properties:

- The sewing thread for general sewing needs
- Excellent sewing properties
- Great in tickets and colours
- Textile appearance
- For closing and topstitch seams
- For matt embroidery


## Raw material:

- Polyester

## Construction type:

- Staple spun

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
10	270	160	23	1.000 m Co
20	150	140	22	2.000 m Co
24	120	130	21	2.000 m Co
25	105	130	21	2.000 m Co
30	80	110	18	2.500 m Co
50	60	100	16	3.000 m Co
60	60	100	16	3.000 m Co
75	40	90	14	5.000 m Co
110	27	80	12	5.000 m Co
120	27	75	11	5.000 m Co
150	21	65	9	5.000 m Co
180	18	60	8	5.000 m Co

Co = 

## Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Workwear
- Leatherwear
- Denim

## Other applications:


- Embroidery
- Home interior



## Product properties:

- Soft. Softer. Sabasoft
- The soft sewing thread for lingerie, activewear, fitnesswear and bikewear
- Vombines productivity and softness for the first time
- Usable as needle and looper thread
- Super fine, extra soft microfilament
- Resistant against yellowing and abrasion

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
120	18	70	10	5.000 m Co 10.000 m Co 30.000 m Co

Co = 

## Raw material:

- Polyester

## Construction type:

- Continuous microfilament, texturised

## Main application:



- Sportswear & outdoor
- Underwear & lingerie

sabaSOFT

### Product properties:

- Stretch it. The multi-talent for all elastic materials
- Provides a stretch reserve for all seams
- With Sabaflex, all seams become highly elastic
- Highest elongation and best sewability
- Made with 37% biopolymers from renewable resources


### Raw material:

- PTT (Polytrimethylene terephthalate)

### Construction type:

- Continuous filament

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
30	105	120	19	900 m FS
50	70	110	18	1.200 m FS
80	60	80	12	2.000 m FS
120	27	70	10	1.500 m FS

FS/KS = 

### Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Workwear

### Other applications:

- Shoes & accessories
- Home interior






## Product properties:

- The extra soft bulk thread made from super fine microfilament
- For soft seams on lingerie, activewear, bikewear and fitnesswear
- Perfect in combination with Sabasoft
- For all serging and coverstitch seams

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
120	18	–	–	5.000 m Co 10.000 m Co 30.000 m Co

Co = 

## Raw material:

- Polyester

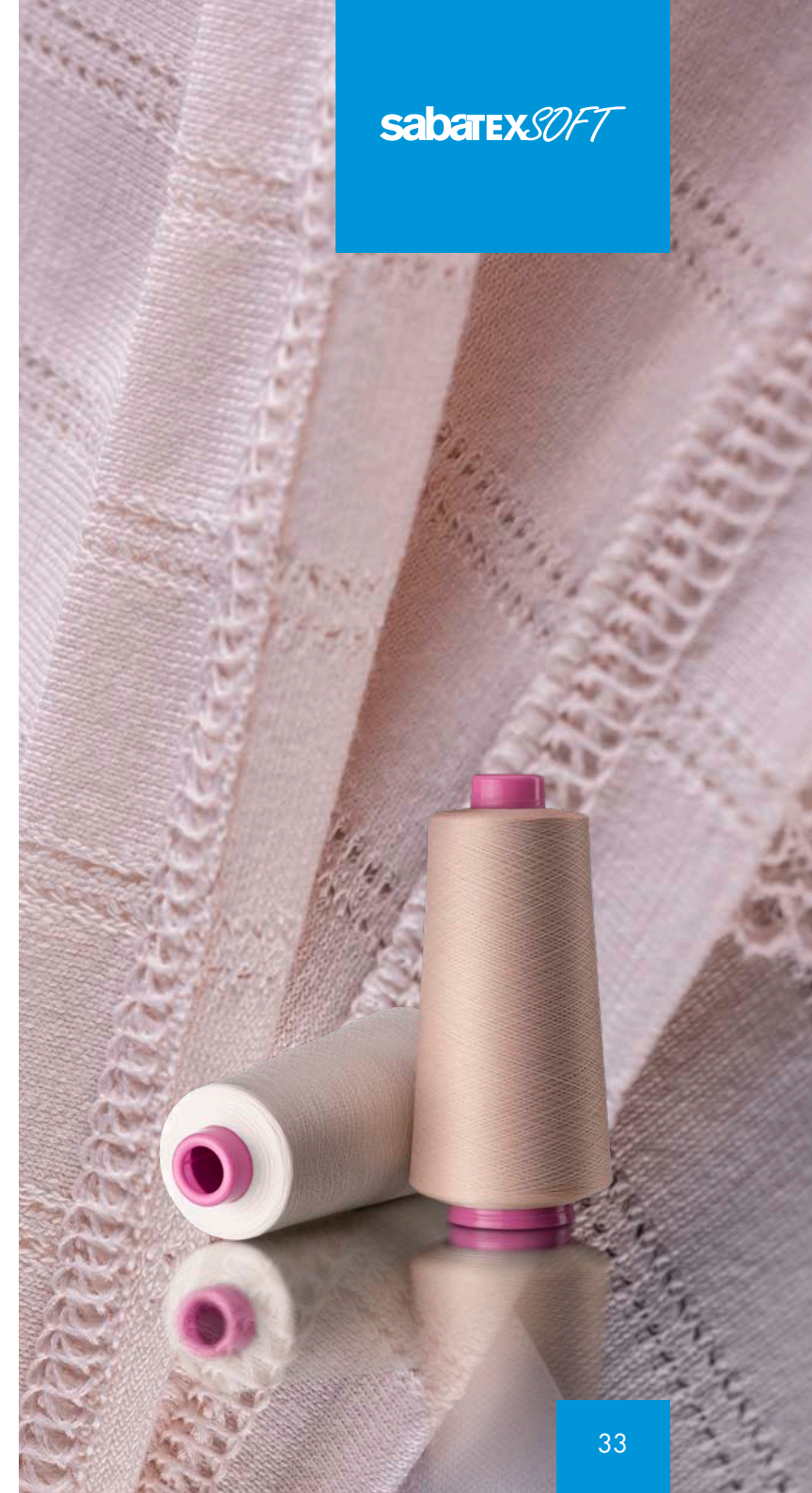
## Construction type:

- Continuous microfilament, texturised

## Main application:



- Sportswear & outdoor
- Underwear & lingerie



## Product properties:

- The perfect bulk yarn
- Soft, voluminous, skin-friendly
- For all serging and coverstitch seams
- For optimal edge covering
- Sabatex 60 is perfectly suited for chenille embroidery

## Raw material:

- Polyester

## Construction type:

- Continuous filament, texturised

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
60	58	100	16	6.000 m Co 18.000 m FS
100	35	90	14	5.000 m Co 10.000 m FS
120	18	80	12	10.000 m Co 30.000 m Co
250	11	70	10	5.000 m Co 10.000 m Co 30.000 m Co

Co =  FS/KS = 

## Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Workwear

## Other applications:


- Home interior



## Product properties:

- The ideal sewing and embroidery thread for all fine materials
- Delicate, silk-like, adaptive, semi-transparent
- For high-quality overedging not showing through
- For all felling and blindstitching work
- Ideal for processing down
- For embroidering monograms and fine details

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
120	24	70	10	4.000 m FS 15.000 m FS
150	21	65	9	5.000 m FS
180	16	65	9	5.000 m FS 20.000 m FS
300	10	60	8	5.000 m FS 20.000 m FS
420	7	50	5	10.000 m FS

FS/KS = 

## Raw material:

- Polyester

## Construction type:

- Continuous filament

## Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie

## Other applications:

- Embroidery



# Rasant

## Product properties:

- The traditional core spun thread
- Robust in sewing
- Approved in many applications
- For closing and topstitch seams
- For matt embroidery

## Raw material:

- Polyester/cotton

## Construction type:

- Core Spun

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
35	80	110	18	3.000 m Co
50	60	100	16	10x1.000 m XW 5.000 m Co
75	40	90	14	10x1.000 m XW 5.000 m Co 10.000 m Co
120	24	70	10	10x1.000 m XW 5.000 m Co 10.000 m Co

Co =  XW = 

## Main application:



- Ladieswear, menswear
- Children's clothing
- Sportswear & outdoor
- Underwear & lingerie
- Denim
- Workwear

## Other applications:

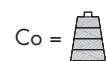
- Embroidery
- Home interior



## Product properties:

- Core spun thread made from 40% polyester and 60% cotton
- Optimised dyeing properties due to the high cotton part
- The ideal addition to MercifilGD, recommended to be used in combination
- Increased seam strength and seam elongation due to the polyester part compared to 100% cotton threads
- Robust in sewing

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
30	105	120	19	2.500 m Co
50	60	100	16	5.000 m Co
75	40	90	14	5.000 m Co
100	30	80	12	5.000 m Co



Explanation of colour no.:

LT00 = Light with raw polyester core, recommended for light dyeing, depending on the type of treatment, it is also possible to use it all-purpose; DK01 = Medium with pre-dyed polyester core, recommended for medium dyeing; DK02 = Dark with pre-dyed polyester core, recommended for dark dyeing;

Please consider:

Only the cotton part is dyed during the dyeing process. The polyester core remains undyed.

## Raw material:

- Polyester/cotton

## Construction type:

- Core spun

## Main application:



- Garment dyeing



# Mercifil

## Product properties:

- The classic cotton sewing thread
- Made from long-staple mercerised cotton
- Ideal sewing performance


## Raw material:

- Cotton

## Construction type:

- Spun, mercerised

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
18	105	120	19	2.500 m Co
24	80	110	18	5.000 m Co
30	60	100	16	5.000 m Co
40	40	80	12	5.000 m Co
50	35	75	11	5.000 m Co
60	30	70	10	5.000 m Co

Co = 

## Main application:



- Ladieswear, menswear
- Childrenswear

## Other applications:

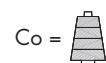
- Embroidery



## Product properties:

- The classic sewing thread for garment dyeing
- Made from long-staple mercerised cotton
- Optimal dyeing properties
- Ideal sewing performance

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
18	105	120	19	2.500 m Co
24	80	110	18	5.000 m Co
30	60	100	16	5.000 m Co
40	40	80	12	5.000 m Co
50	35	75	11	5.000 m Co
60	30	65	9	5.000 m Co



Co = Explanation of colour no.:  
3000 = bleached

## Raw material:

- Cotton

## Construction type:

- Spun, mercerised

## Main application:



- Garment dyeing

## Other applications:

- Embroidery

# Mercifil®





# META

## Product properties:

- Effect thread for creative top stitching
- For metallic accents on fashion and leather
- Decorative, impressive, effective


## Raw material:

- Polyester/polyester

## Construction type:

- Wrapped yarn, metallised

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
10	26 0	180	24	300 m FS
30	105	110	18	700 m FS

FS/KS = 

Available colour no.:  
0496 = gold, 0511 = silver, 1145 = bronze

## Main application:



- Ladieswear, menswear
- Children's clothing
- Denim
- Leatherwear

## Other applications:


- Shoes & accessories



## Product properties:

- Melting thread for the supplemental security of blindstitch hems on trousers and skirts
- Suitable as additional thread or as looper thread in the overlock seam of the hem, in addition to the blindstitch

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
30	110	–	–	850 m FS

FS/KS = 

Available colour no.:  
2001 = white, 0348 = black-grey

## Raw material:

- Polyester/polyamide

## Construction type:

- Continuous filament

## Main application:



- Ladieswear, menswear
- Childrenswear



## Product properties:

- The outstanding product for shoes and accessories
- For closing and decorative seams
- Subtle sheen
- Special finishing process
- High seam strength
- Best sewing performance with perfect stitch formation
- Suitable for coarse decorative embroidery

## Raw material:

- Polyester

## Construction type:

- Continuous filament

## Main application:




- Shoes
- Bags
- Suitcases
- Belts and small leather goods

## Other applications:

- Embroidery
- Home interior
- Tectex

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
7	450	220	26	kg
8	350	200	25	850 m FS
10	270	180	24	300 m FS 1.000 m FS
15	210	150	23	450 m FS
20	135	120	19	600 m FS 2.500 m FS
30	90	100	16	900 m FS 4.000 m FS
40	70	90	14	1.200 m FS 5.000 m FS
60	45	80	12	1.800 m FS 5.000 m FS
80	30	70	10	2.400 m FS 10.000 m FS

FS/KS = 



## Product properties:

- The braided thread for individual decorative effects
- For closing and topstitch seams
- Decorative, impressive, effective
- Waxed version available for hand sewing

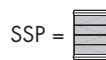
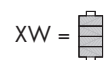
## Raw material:

- Polyester

## Construction type:

- Continuous filament, braided

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
1400 T90	1200	–	–	300 m XW
1400 T60	1030	–	–	300 m SSP
1200 T90	890	–	–	500 m XW
1200 T60	750	–	–	500 m SSP
1000 T90	600	–	–	500 m XW
1000 T60	500	–	–	500 m SSP
800 T90	450	–	–	700 m XW
800 T60	380	–	–	700 m SSP



Available colour no.:  
2001 = white, 0348 = black-grey

## Main application:



- Shoes
- Bags
- Suitcases

## Other applications:

- Home interior



# ONYX

## Product properties:

- The ultra-strong sewing thread for stressed seams
- For closing and topstitch seams
- Robust, abrasion resistant, durable
- Excellent strength properties


## Raw material:

- Polyamide 6.6

## Construction type:

- Continuous filament

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
10	270	200	25	1.500 m FS
13	210	180	24	1.500 m FS
20	135	140	22	2.000 m FS
30	105	130	21	2.500 m FS
40	70	110	18	2.000 m FS 4.000 m FS
60	45	90	14	6.000 m FS
80	35	80	12	8.000 m FS

FS/KS = 

## Main application:



- Shoes
- Bags
- Suitcases
- Belts and small leather goods

## Other applications:


- Apparel
- Home interior
- Tectex



## Product properties:

- The robust bonded sewing thread
- For seams with maximum durability
- Best sewing performance, also for multidirectional sewing

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
8	400	230	26	600 m FS
10	270	200	25	1.500 m FS
13	210	180	24	900 m FS 2.000 m FS
20	135	140	22	1.500 m FS
30	90	120	19	2.500 m FS
40	70	110	18	3.500 m FS
60	45	90	14	5.000 m FS
80	35	80	12	9.000 m FS

FS/KS = 

## Raw material:

- Polyamide 6.6

## Construction type:

- Continuous filament, bonded

## Main application:



- Shoes
- Bags
- Suitcases
- Belts and small leather goods



## Product properties:

- The robust, bonded sewing thread
- Brilliant colours, textile look & feel
- For seams with maximum durability
- Best sewing performance
- For multidirectional sewing


## Raw material:

- Polyamide 6.6

## Construction type:

- Continuous filament, bonded

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
20	135	160	23	1.500 m FS 3.000 m FS
30	90	140	22	2.500 m FS 4.100 m FS
40	70	120	19	3.500 m FS 7.000 m FS
60	45	100	16	4.500 m FS

FS/KS = 

## Main application:



- Shoes
- Bags
- Suitcases
- Belts and small leather goods

## Other applications:


- Home interior
- Techtext



### Product properties:

- Universal machine embroidery thread for all brilliant and fashionable embroidery
- Great in colour, great in function
- Abrasion-resistant, robust, perfect embroidery properties
- Excellent colour fastness
- Classic on work & corporate wear
- Extremely durable – also for jeans and automotive

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
40	27	65	9	10x1.000 m KS 5.000 m KS

FS/KS = 

### Raw material:

- Polyester

### Construction type:

- Continuous filament, trilobal

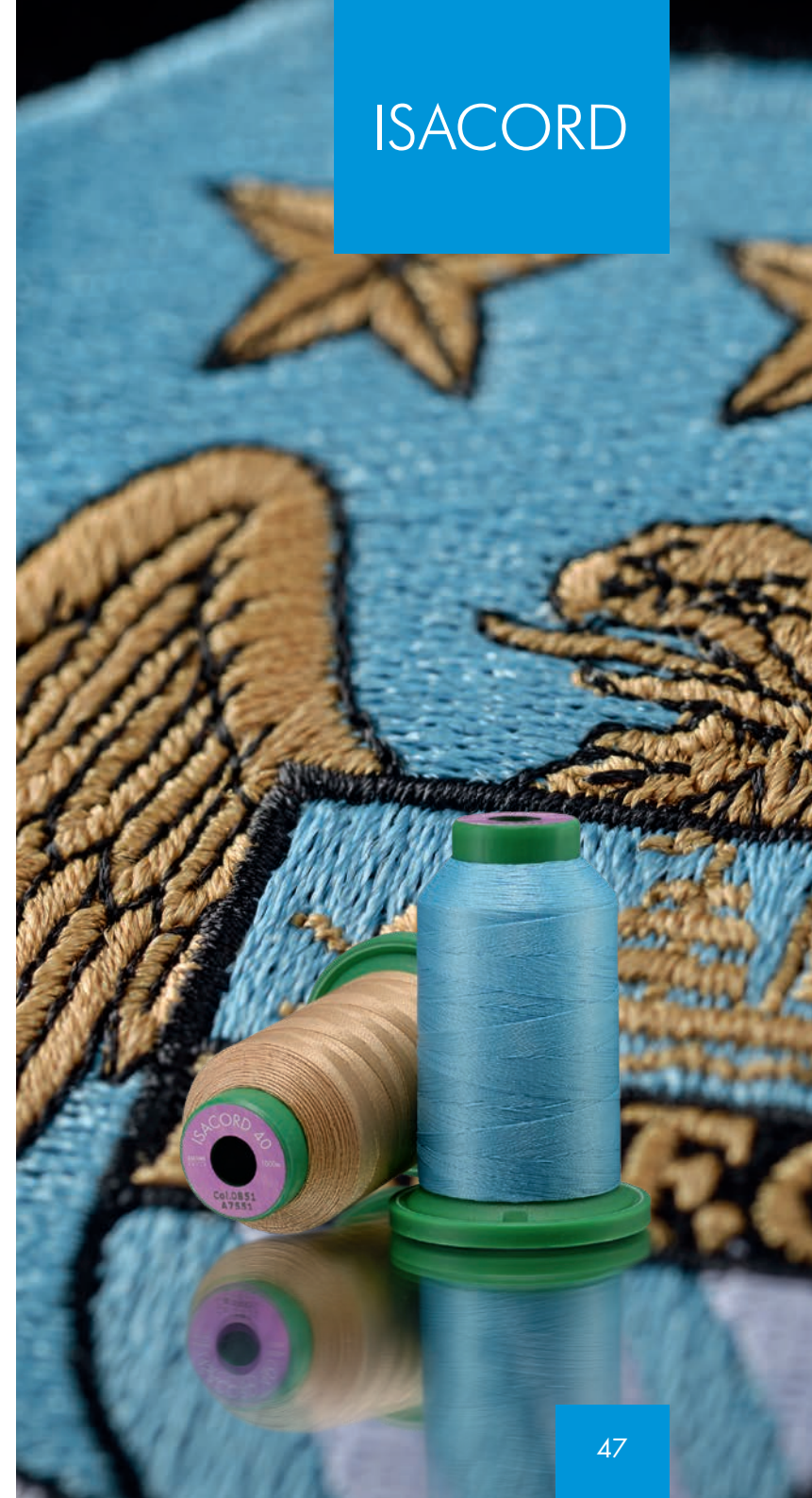
### Main application:



- Brilliant embroidery

### Other applications:

- Apparel
- Automotive
- Shoes & Accessories
- Home interior
- Techtex





# ISAMET



## Product properties:

- The metallic embroidery thread
- Classic thread in uniform and emblem embroidery
- Brilliant accent for elegant clothes
- Available in gold, silver and many other metallic colours


## Raw material:

- Polyester/polyamide

## Construction type:

- Wrapped yarn

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
40	27	75	11	10x1.000 m KS 5.000 m KS
50	15	70	10	10x1.000 m FS

FS/KS = 

## Main application:



- Metallic embroidery

## Other applications:


- Apparel
- Shoes & Accessories
- Home interior



## Product properties:

- The phosphorescent embroidery thread
- Glows in the dark
- For special effects, for example on children's nightwear or clothes that are worn in bars or clubs

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
40	30	70	10	10x800 m KS

FS/KS = 

## Raw material:

- PBT (Polybutylene terephthalate) / PP (Polypropylene)

## Construction type:

- Continuous filament

## Main application:



- Glow-in-the-dark embroidery

## Other applications:

- Apparel
- Shoes & Accessories
- Home interior



### Product properties:

- The perfect thread for chenille/moss and chainstitch embroidery
- Excellent colour fastness
- Suitable for industrial laundry, PRO-care certified
- Huge variety of brilliant colours
- High running length guarantees high productivity
- The ideal alternative to fuzzy wool yarns


### Raw material:

- Polyester

### Construction type:

- Continuous filament, texturised

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
60	58	90	14	6.000 m FS

FS/KS = 

### Main application:



- Chenille embroidery

### Other applications:

- Apparel
- Home interior



## Product properties:


- Bobbin thread range for machine embroidery
- Isa combines excellent thread running properties, high strength and large bobbin volumes
- Isabob provides outstanding unwinding properties, long running lengths and all benefits of prewound bobbin threads

## ISA

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
150	18	–	–	10.000 m Co
180	16	–	–	20.000 m Co

## ISABOB

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
190	17	–	–	144 bobbins

Co = 

## Raw material:

- Polyester

## Construction type:

- Bobbin threads

## Main application:



- Bobbin threads for embroidery

## Other applications:

- Apparel
- Shoes & Accessories
- Home interior



## Product properties:

- The sewing thread with special finish for heavy-duty applications
- For closing and decorative seams
- Fine matt sheen
- Extremely durable in the seam


## Raw material:

- Polyester

## Construction type:

- Continuous filament, texturised

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
8	350	210	26	1.500 m FS
11	260	160	23	1.100 m FS
15	200	140	22	1.400 m FS
20	135	130	21	2.000 m FS
25	120	130	21	2.750 m FS
30*	105	120	19	2.500 m FS
35	80	110	18	4.000 m FS

FS/KS = 

\*Polyamide/cotton core spun, glacé

## Main application:



- Upholstery

## Other applications:


- Apparel
- Shoes & Accessories



## Product properties:

- Functional sewing thread for mattress quilting
- Optimal sewing properties

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
60	45	100	16	500 g FS 900 g FS
80	30	90	14	500 g FS 900 g FS

FS/KS = 

## Raw material:

- Polyester

## Construction type:

- Continuous filament

## Main application:



- Mattresses
- Pillows and quilts

## Other applications:

- Home interior



# TEXTURAN

## Product properties:

- developed to be used in combination with Topfil
- the functional underthread for mattress production


## Raw material:

- Polyester

## Construction type:

- Continuous filament, texturised

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
100	35	90	14	10.000 m FS 20.000 m FS
120	18	80	12	20.000 m FS 30.000 m FS

FS/KS = 

## Main application:




- Mattresses
- Pillows and quilts



## Product properties:

- Hether pool covers, tents, awnings, boat covers, outdoor furniture or shoes – Outdoor-Pro is the ideal sewing thread for outdoor products
- Equipped with our PFAS-free water-repellent finish as standard
- Brilliant colours, textile look and feel
- Specially suited for multidirectional sewing
- Excellent UV resistance due to premium dyestuffs
- Weathering test according to ISO 4892-1 and ISO 4892-2 (DIN EN ISO 12402-7) and cold storage at -30°C

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
10	270	200	25	1.400 m FS
15	210	180	24	1.900 m FS 8.500 m FS
20	135	130	21	1.500 m FS 3.000 m FS
30	90	110	18	2.300 m FS
40	70	100	16	5.500 m FS
60	45	90	14	4.000 m FS

Co = 

## Raw material:

- Polyester

## Construction type:

- Continuous filament, texturised

## Main application:



- Awnings
- Boat covers and sails
- Outdoor furniture
- Tents

## Other applications:


- Shoes & Accessories



## Product properties:

- Special sewing thread with excellent UV and weather protection with 15 years warranty!
- Designed for high speed sewing
- Also available in transparent colour
- Will not fade, stain or discolour
- Resistant to UV radiation in sunlight, mould, mildew, acid rain, cleaning solutions, salt water and industrial pollutants

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
HTR	270	110	18	1.050 m FS
TR	150	100	16	1.750 m FS
LTR	110	90	14	2.100 m FS
KTR	150	100	16	1.750 m FS

FS/KS = 

## Raw material:

- ePTFE (expanded polytetrafluorethylene)

## Construction type:

- Tape

## Main application:



- Outdoor textiles

## Other applications:


- Home interior



## Product properties:

- High-performance bonded special sewing thread for outdoor applications
- Extremely durable
- Resistant to untwisting and therefore suited for multidirectional sewing
- Outstanding UV resistance due to special dyestuffs
- Weathering test according to ISO 4892-1 and ISO 4892-2

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
6	500	240	27	1.700 m FS
9	350	210	26	1.700 m FS
12	240	180	24	1.800 m FS
15	210	180	24	2.400 m FS
18	150	150	23	2.600 m FS
20	135	130	21	1.600 m FS 3.200 m FS
25	105	120	19	3.000 m FS
30	90	110	18	2.300 m FS
40	70	90	14	4.600 m FS
60	45	80	12	5.000 m FS

FS/KS = 

## Raw material:

- Polyester

## Construction type:

- Continuous filament, bonded

## Main application:



- Outdoor textiles

## Other applications:

- Home interior





## Product properties:

- High-performance meta-aramide special sewing and embroidery thread
- For flame-retardant and heat-protective applications
- Self-extinguishing and non-melting
- Permanent temperature resistance up to approx. 200°C
- Decomposition temperature at approx. 370°C
- Burning behaviour tested according to DIN EN ISO 15025

## Raw material:

- Nomex® DuPont™ meta-aramide

## Construction type:

- Schappe spun (N-tech)
- Cut staple Spun (N-tech CS)

## Main application:



- Protective clothing
- Filtration

## Other applications:

- Embroidery

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
40	75	100	16	3.000 m Co
70	40	80	12	10x1.000 m XW 5.000 m Co

Co =  XW = 



## Product properties:

- High-performance meta-aramide special sewing and embroidery thread
- For flame-retardant and heat-protective applications
- Self-extinguishing and non-melting
- Permanent temperature resistance up to approx. 200°C
- Decomposition temperature at approx. 370°C
- Burning behaviour tested according to DIN EN ISO 15025

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
70	40	80	12	10x1.000 m XW 5.000 m Co
120	25	70	10	5.000 m Co

Co =  XW = 

## Raw material:

- Nomex® DuPont™ meta-aramide

## Construction type:

- Schappe spun (N-tech)
- Cut staple Spun (N-tech CS)

## Main application:



- Protective clothing
- Filtration

## Other applications:

- Embroidery





# A-tech

## Product properties:

- Meta-aramide special sewing & embroidery thread for flame-retardant and heat-protective applications
- Self-extinguishing and non-melting
- The powerful alternative to Nomex®
- Permanent temperature resistance up to approx. 200°C
- Decomposition temperature at approx. 370°C
- Burning behaviour tested according to DIN EN ISO 15025

## Raw material:

- NEWSTAR® Yantai meta-aramide

## Construction type:

- Schappe spun (A-tech)
- Cut staple Spun (A-tech CS)

## Main application:




- Protective clothing
- Filtration

## Other applications:

- Embroidery
- Home interior

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
70	40	80	12	1.000 m Co 5.000 m Co

Co = 


General information: The mentioned permanent temperature resistance is a function of time, temperature and environment.



## Product properties:

- Meta-aramide special sewing & embroidery thread for flame-retardant and heat-protective applications
- Self-extinguishing and non-melting
- The powerful alternative to Nomex®
- Permanent temperature resistance up to approx. 200°C
- Decomposition temperature at approx. 370°C
- Burning behaviour tested according to DIN EN ISO 15025

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
40	75	100	16	3.000 m Co
70	40	80	12	5.000 m Co

Co = 

## Raw material:

- NEWSTAR® Yantai meta-aramide

## Construction type:

- Schappe spun (A-tech)
- Cut staple Spun (A-tech CS)

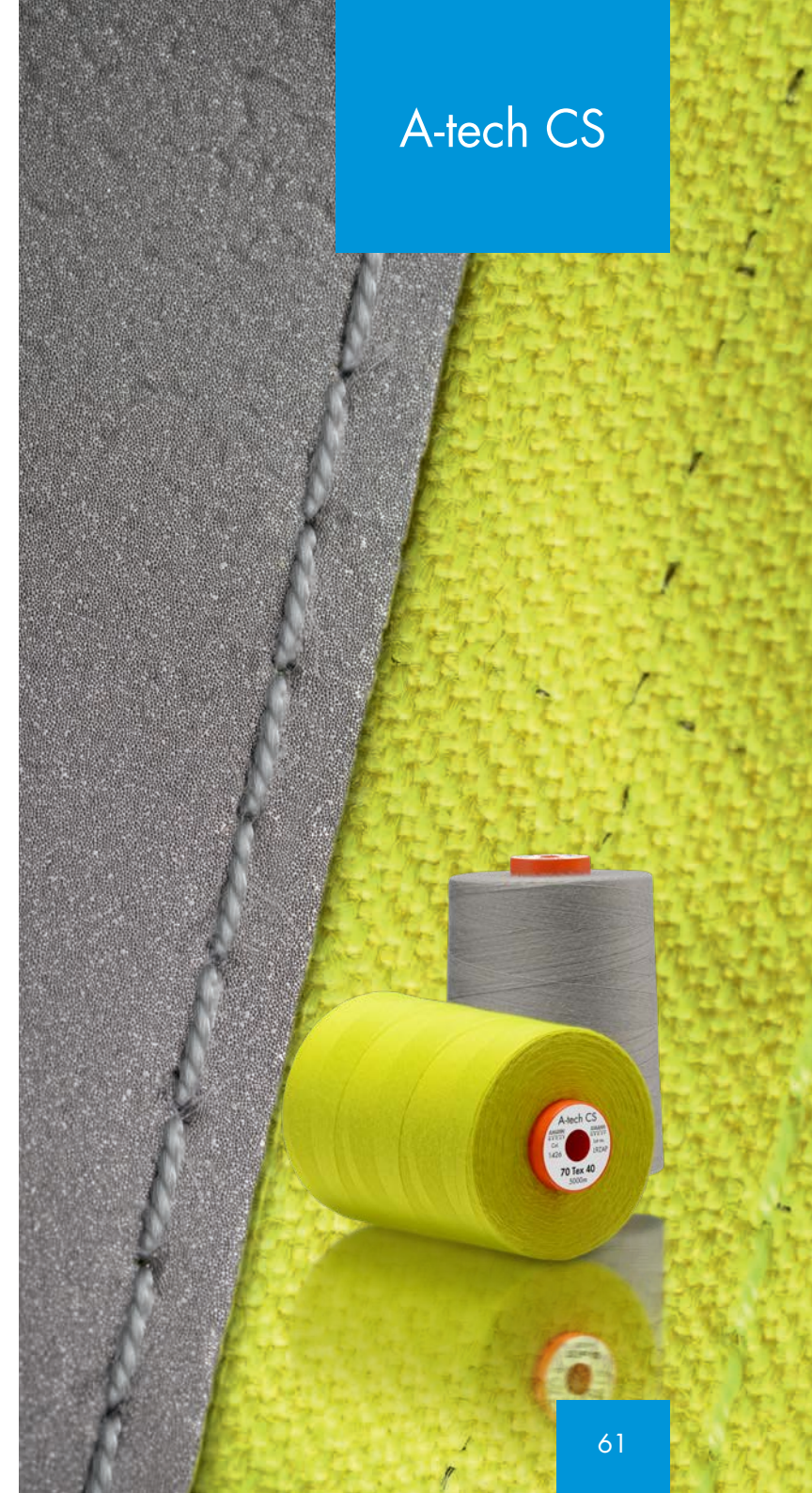
## Main application:



- Protective clothing
- Filtration

## Other applications:

- Embroidery





## Product properties:

- Meta-aramide special sewing thread for highest requirements in flame-retardant and heat-protective applications
- Self-extinguishing, non-melting, robust and extremely durable
- Permanent temperature resistance up to approx. 200°C
- Decomposition temperature at approx. 370°C
- Burning behaviour tested according to DIN EN ISO 15025

## Raw material:

- Nomex® DuPont™ meta-aramide

## Construction type:


- Continuous filament

## Main application:



- Protective clothing

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
20	140	120	19	1.000 m FS
34	95	120	19	1.500 m FS
40	70	110	18	2.000 m FS
60	45	100	16	3.000 m FS


FS/KS = 



## Product properties:

- Para-aramide special sewing thread for applications with high requirements on cut, flame and heat protection
- Permanent temperature resistance up to approx. 170°C
- Decomposition temperature at approx. 425°C
- Burning behaviour tested according to DIN EN ISO 15025

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
35	80	120	19	3.000 m Co
50	60	110	18	3.000 m Co
75	40	100	16	5.000 m Co

Co = 

## Raw material:

- Kevlar® DuPont™ para-aramide

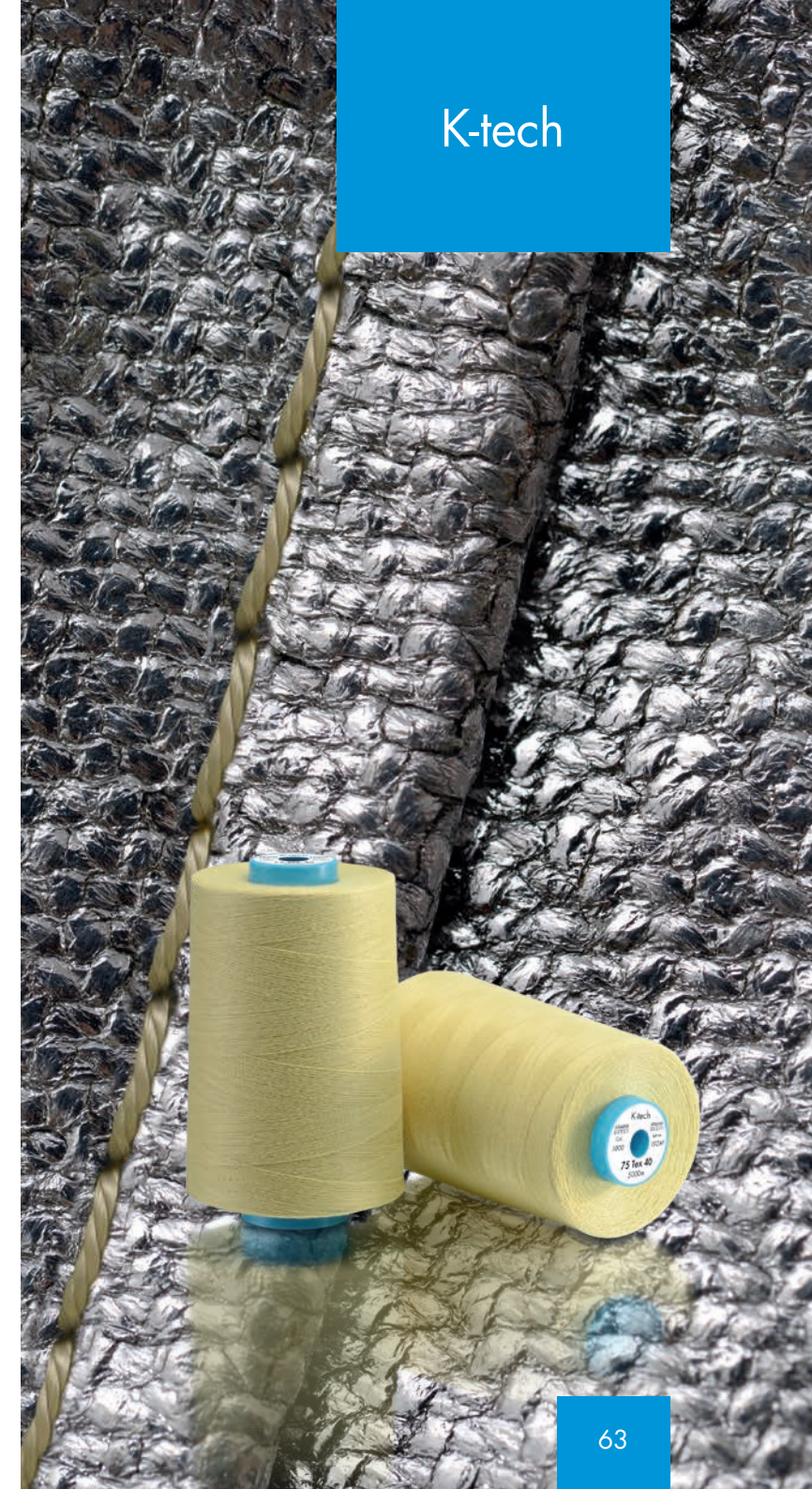
## Construction type:

- Schappe spun

## Main application:



- Protective clothing





## Product properties:

- Extremely high-performing para-aramide special sewing thread for technical textiles requiring cut and heat protection
- Self-extinguishing and non-melting
- Permanent temperature resistance up to approx. 170°C
- Decomposition temperature at approx. 425°C
- Burning behaviour tested according to DIN EN ISO 15025


## Raw material:

- Kevlar® DuPont™ para-aramide

## Construction type:

- Continuous filament, bonded

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up
22	135	130	21	ca. 500 g/ 3.000 m FS

FS/KS = 

## Main application:




- Protective clothing
- Filtration
- Composites



**Product properties:**

- Special sewing and embroidery thread with a silver coating
- For conductive seams and surfaces
- Textile electrodes as sensors and actuators
- For seam positions that require antimicrobial characteristics
- No cell damaging effect in the Cytotoxicity Test according to DIN EN ISO 10993-5

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up	Electric resistance
30	96	120	19	500 m FS	< 85 $\Omega$ /m
50	62	90	14	1.500 m FS	< 150 $\Omega$ /m
120	28	75	11	2.500 m FS	< 530 $\Omega$ /m

FS/KS = 

**Raw material:**

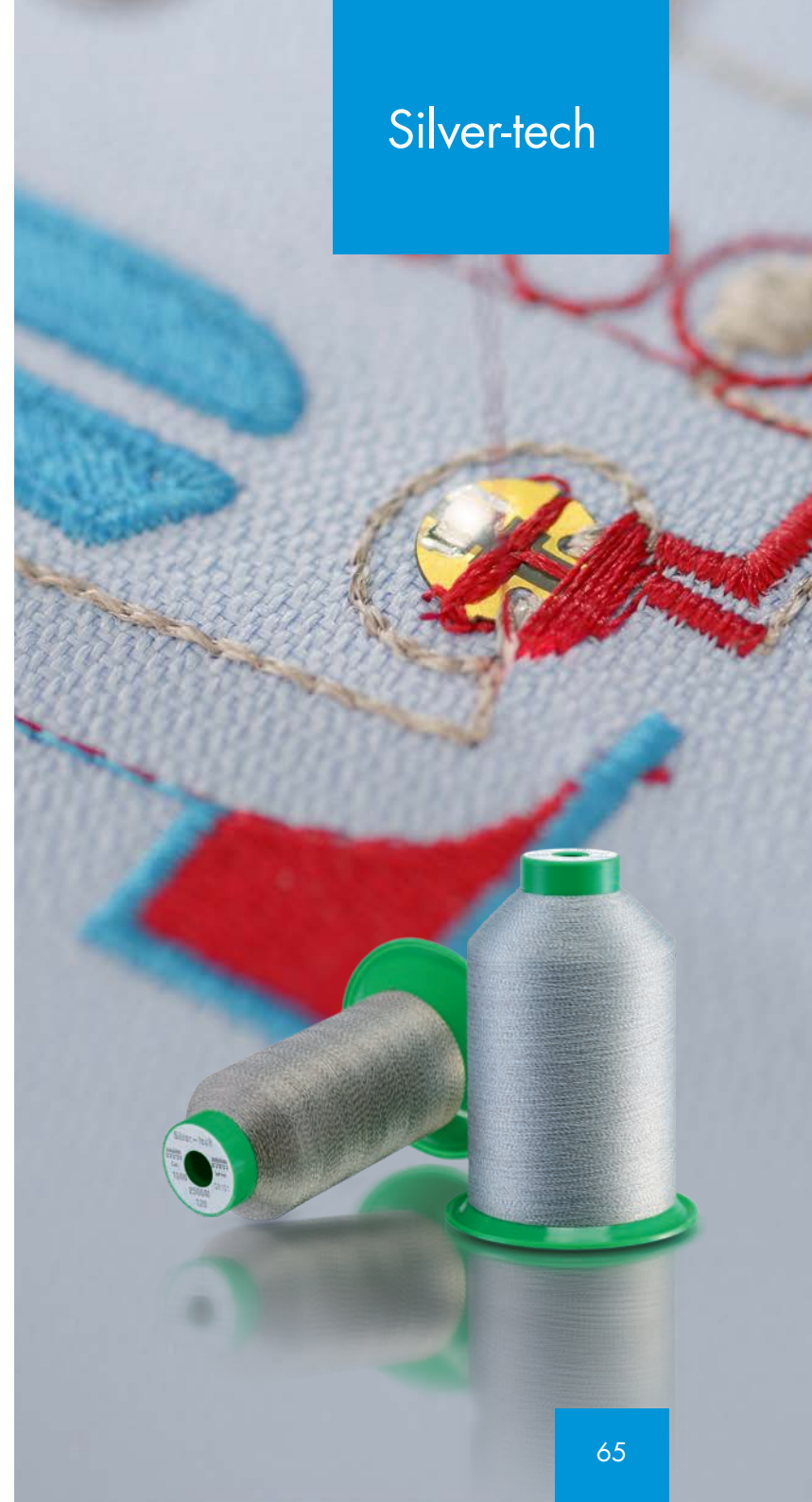
- Silver coated polyamide/polyester

**Construction type:**

- Hybrid thread

**Main application:**

- Smart textiles
- Medtech



## Product properties:

- Vonductive thread based on stainless steel
- Excellent wash resistance, also for industrial washing
- For heating applications and RFID antennas
- The multifunctional smart yarn for knitting, weaving and embroidery

## Raw material:

- Stainless steel/polyester

## Construction type:

- Hybrid thread

## For weaving, knitting and warp-knitting

Linear density dtex	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up	Electric resistance
930	92	100	16	5.000 m Sp	ca. 90 $\Omega$ /m

## Main application:



- Automotive
- Smart textiles

## For sewing and embroidery

Ticket no.	Tex no.	Needle size min (in Nm)	Needle size min (in No.)	Make-up	Electric resistance
100	95	–	–	1.500 m KS	ca. 110 $\Omega$ /m

Sp =  KS = 







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