

AMANN

GROUP

Intelligent threads

PRODUCT  
RANGE





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K. MANN & SÖHNE

INNOVATION  
SINCE 1854

# THE COMPANY

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. In close cooperation with its customers, AMANN develops sewing and embroidery threads, as well as smart yarns for tomorrow's market requirements.

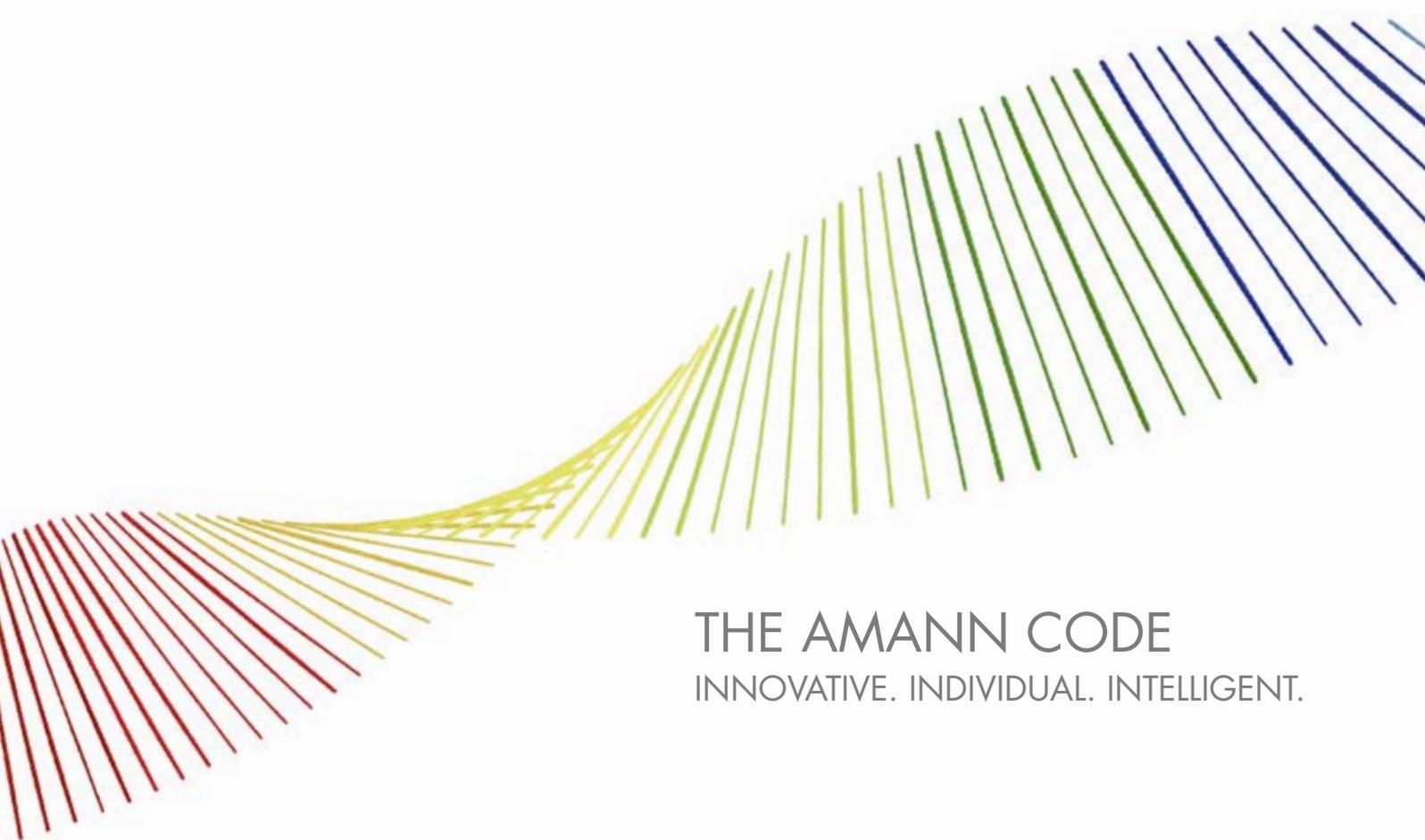
More than 2,600 motivated employees in more than 100 countries worldwide make AMANN's success possible. AMANN Group exclusively produces at its own production sites. The company headquarters are located in Bönningheim, Germany.

# THE AMANN CODE

Success has a secret. Intelligent products, individual solutions and innovative concepts: the amann code. AMANN produces threads meeting the highest standards, and develops ideas for creating seams that make your products even safer, more efficient, comfortable and beautiful. Developing new ideas is a tradition at AMANN.

We utilise the know-how from various industries and combine knowledge and expertise for the development of intelligent, modern products. Our customers' wishes and demands serve as our standards. Individual solutions are our strength – in product and colour management, and in service and logistics.

State-of-the-art technology is a prerequisite for innovative products. Through constant communication with our customers, partners and vendors, we develop sewing and embroidery threads as well as functional yarns and technical threads – always one step ahead, always at the highest technical level.



THE AMANN CODE  
INNOVATIVE. INDIVIDUAL. INTELLIGENT.

A photograph of the United Nations flag flying on a tall pole in front of a modern glass skyscraper. The flag is blue with the white UN emblem in the center. The building behind it has a grid of windows. The sky is clear and blue. The text 'UN GLOBAL COMPACT' is overlaid in white, centered within a white rectangular frame.

UN GLOBAL  
COMPACT

# 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> 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.

In 2020, we have been awarded by United Nations as one of the TOP 50 sustainability & climate leaders worldwide.

## CERTIFICATION & SAFETY

At AMANN, customer expectations regarding performance, reliability and technical expertise, as well as the quality and environmental compatibility of the products are an obligation and a motivation at the same time. Continuous compliance with the high-quality standards at AMANN Group is ascertained by the certification for quality management according to DIN EN ISO 9001.

### ENVIRONMENTAL MANAGEMENT

AMANN's resource-friendly approach and its strive to keep the environmental impact as low as possible is documented by the certification in accordance with the DIN EN ISO 14001 environmental management system.

### QUALITY COMMITMENT

The fulfilment of the process-oriented quality commitment for a safe production environment is proven by the certification under the strict IATF 16949 standards.

### 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.

AMANN products Saba, Sabatex, Sabaflex, Isacord, Serafil, Serafil Recycled, Serafil fine Recycled, N-tech and N-tech CS 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.

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

# SERVICE & CONSULTING



# SERVICE

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

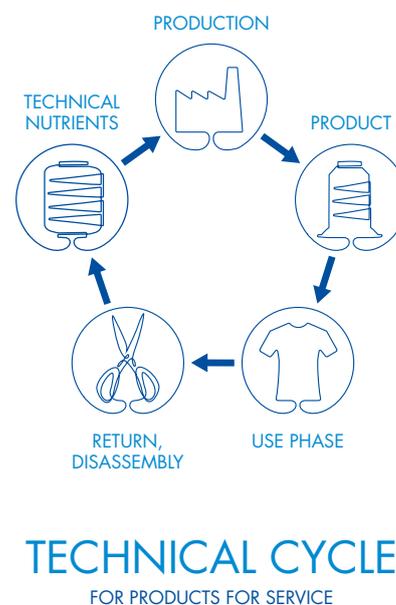
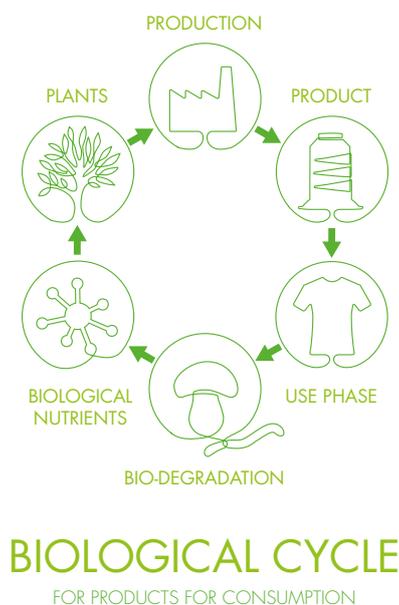
# LIFECYCLE OR RECYCLED.

## AMANN'S SUSTAINABLE SEWING AND EMBROIDERY THREADS

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. 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 perfluorocarbons (PFCs) with environmentally compatible alternatives. Our eco-friendly WRe finish is available for Serafil WRe, Onyx WRe and Saba WRe. As a globally operating company, we also focus on sustainable, fair and safe production processes worldwide.

### 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, transparent PET bottles and are available as Global Recycled Standard (GRS) certified. They have the same quality features as our excellent range products, for instance in terms of breaking strength, abrasion resistance and sewability.

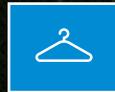
## COTTON SPUN, MERCERISED, 100% ORGANIC

- 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

Ticket no.	Tex no.	Needle size Nm	min. 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 20.000 m Co

Co = 

Main application:



- ladieswear, menswear
- garment dyeing



Further applications:



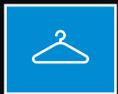
# POLYAMIDE 6 CONTINUOUS FILAMENT, 100% RECYCLED

- Cradle to Cradle Certified® 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 Nm	min. 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

FS/KS = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie
- workwear



Further applications:



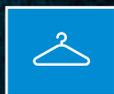
## POLYESTER/POLYESTER CORE SPUN, 100% RECYCLED

- 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

Ticket no.	Tex no.	Needle size min.		Make-up
		Nm	No.	
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	90	14	5.000 m Co
100	30	80	12	5.000 m Co
120	24	70	10	5.000 m Co
150	21	80	12	5.000 m Co

Co = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie
- workwear
- leatherwear
- denim

Further applications:



## POLYESTER STAPLE SPUN, 100% RECYCLED

- 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.		Make-up
		Nm	No.	
110	27	65	9	5,000 m Co
120	27	70	10	5,000 m Co

Co = 

Main application:



- ladieswear, menswear
- underwear & lingerie
- leatherwear
- sportswear & outdoor
- workwear
- denim

Further applications:



## POLYESTER CONTINUOUS FILA- MENT, TEXTURISED, 100% RECYCLED

- 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		Make-up
		Nm	No.	
100	35	–	–	5.000 m Co 10.000 m FS
120	18	80	12	10.000 m Co

Co =  FS/KS = 

Further applications:



Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie
- workwear



## POLYESTER CONTINUOUS FILAMENT, HIGH-TEXTURED, 100% RECYCLED

- High-bulk, high coverage
- made from consistent highly texturised polyester
- the perfect choice for next to skin seams
- Specially developed for maximum coverage and seam softness
- Usable as cover and looper thread

Ticket no.	Tex no.	Needle size		Make-up
		Nm	No.	
110	24	-	-	5.000 m Co

Co = 

Main application:



- sportswear & outdoor
- underwear & lingerie

## POLYESTER MICROFILAMENT, TEXTURED, 100% RECYCLED

- 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

Ticket no.	Tex no.	Needle size Nm	min. No.	Make-up
120	18	70	10	5.000 m Co

Co = 

Main application:



- sportswear & outdoor
- underwear & lingerie



## POLYESTER CONTINUOUS FILAMENT, 100% RECYCLED

- 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.		Make-up
		Nm	No.	
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 = 

Main application:



- shoes
- bags
- suitcases
- belts and small leather goods

Further application:



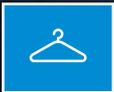
## POLYESTER CONTINUOUS FILAMENT

- 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.		Make-up
		Nm	No.	
150	21	65	9	5.000 m FS
180	16	65	9	5.000 m FS

FS/KS = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie

Further applications:



A close-up photograph of a dark grey and yellow hiking boot. The boot features yellow mesh lining, yellow stitching, and yellow laces. The side of the boot is covered in numerous water droplets, demonstrating its water-repellent properties. The background is blurred, showing more of the boot's structure.

WRe  
WATER-REPELLENT  
ECO-FRIENDLY  
PFC-FREE

# POLYESTER/POLYESTER CORE SPUN, WATER-REPELLENT, PFC-FREE

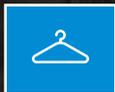
- WRe = water-repellent and ecofriendly
- free from harmful chemicals
- AMANN's allrounder
- for water-repellent closing and topstitch seams
- high-performing, outstanding sewing behaviour
- ideal abrasion resistance and strength properties
- textile appearance
- for water-repellent matt embroidery

Ticket no.	Tex no.	Needle size min.		Make-up
		Nm	No.	
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	90	14	5.000 m Co
100	30	80	12	5.000 m Co
120	24	70	10	5.000 m Co
150	21	60	8	5.000 m Co



Colours can be darker with WRe finish.

Main application:



- ladieswear, menswear
- leatherwear
- sportswear & outdoor
- workwear

Further applications:



## POLYESTER CONTINUOUS FILAMENT, WATER-REPELLENT, PFC-FREE

- 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

Ticket no.	Tex no.	Needle size min.		Make-up
		Nm	No.	
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
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.

Main application:



- shoes

Further applications:



## POLYESTER CONTINUOUS FILAMENT, 100% RECYCLED, WATER-REPELLENT, PFC-FREE

- 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
- shiny appearance
- the ideal choice for manufacturing sustainable, water-repellent products

Ticket no.	Tex no.	Needle size min.		Make-up
		Nm	No.	
10	270	180-220	24-26	300 m FS
15	210	150-180	23-24	450 m FS
20	135	120-140	19-22	600 m FS
30	90	100-130	16-21	900 m FS
40	70	90-120	14-19	1.200 m FS 5.000 m FS
60	45	80-110	12-18	1.800 m FS
80	30	70-110	10-18	2.400 m FS

FS/KS = 

Colours can be darker with WRe finish.

Main application:



- shoes

Further applications:



## POLYAMIDE 6.6 CONTINUOUS FILAMENT, WATER-REPELLENT, PFC-FREE

- 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

Ticket no.	Tex no.	Needle size min. Nm	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

Further application:



**POLYESTER, CONTINUOUS FILAMENT, BRAIDED, WATER-REPELLENT, PFC-FREE**

- 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.		Make-up
		Nm	No.	
1400	1030	–	–	300 m SSP
1000	500	260	28	500 m SSP

XW =  SSP = 

Main application:



- shoes
- bags
- suitcases

Further application:



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## APPAREL

Ladieswear, menswear, sportswear & outdoor,  
denim, underwear & lingerie, leatherwear,  
workwear, garment dyeing

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Isa Isabob	51
N-tech, N-tech CS	57
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Silver-tech	57



## EMBROIDERY

Brilliant & fashionable, metallic, glow-in-the-dark,  
bobbin thread, matt, filigree & monograms,  
coarse decorative embroidery, dyeable, technical  
& functional, flame-retardant

Synton	43
Strongbond	46

Detailed information  
on our automotive  
product range can be  
found in the AMANN  
Automotive brochure.



## AUTOMOTIVE

Airbags, trim/interior, steering wheels,  
seatbelts, shading systems



## HOME INTERIOR

Upholstery, mattresses,  
pillows & inner covers, bed linen, curtains,  
table linen, bathroom textiles



## TECHTEX

Protective clothing, outdoor textiles,  
smart textiles, lifting and restraint systems,  
composites, filtration, medtech



## SHOES & ACCESSORIES

Shoes, bags, suitcases,  
belts and small leather goods

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## POLYESTER/POLYESTER CORE SPUN

- 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. Nm	No.	Make-up
8	400	200	25	800 m Co
12	260	150	–	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

Find our new sustainable Saba Recycled on page 14 and our water-repellent, PFC-free Saba WRre on page 20!

Co =  XW = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie
- workwear
- leatherwear
- denim

Further applications:



## POLYESTER STAPLE SPUN

- 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

Ticket no.	Tex no.	Needle size min. Nm	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	65	9	5,000 m Co
120	27	70	10	5,000 m Co
150	21	65	9	5,000 m Co
180	18	60	8	5,000 m Co

Find our new sustainable Universal Recycled on page 15!

Co = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie
- workwear
- leatherwear
- denim

Further applications:



## POLYESTER CONTINUOUS MICROFILAMENT, TEXTURISED

- Soft. Softer. Sabasoft
- the soft sewing thread for lingerie, activewear, fitnesswear and bikewear
- combines 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. Nm	No.	Make-up
120	18	70	10	5.000 m Co 10.000 m Co 30.000 m Co

Co = 

Main application:



- sportswear & outdoor
- underwear & lingerie

# PTT (POLYTRIMETHYLENE TEREPHTHALATE) CONTINUOUS FILAMENT

- 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

Ticket no.	Tex no.	Needle size min. Nm	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
- sportswear & outdoor
- underwear & lingerie
- workwear

Further applications:



## POLYESTER CONTINUOUS MICROFILAMENT, TEXTURISED

- 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.		Make-up
		Nm	No.	
120	18	70	10	5.000 m Co
				10.000 m Co
				30.000 m Co

Co = 

Main application:



- sportswear & outdoor
- underwear & lingerie



# POLYESTER CONTINUOUS FILAMENT, TEXTURISED

- 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

Ticket no.	Tex no.	Needle size min.		Make-up
		Nm	No.	
60	58	100	16	6.000 m Co
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

Find our new sustainable Sabatex Recycled on page 16!

Co =  FS/KS = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie
- workwear

Further applications:



## POLYESTER CONTINUOUS FILAMENT

- 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.		Make-up
		Nm	No.	
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

Find our new sustainable Serafil fine Recycled on page 18!

FS/KS = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie

Further applications:



## POLYESTER/COTTON CORE SPUN

- the traditional core spun thread
- robust in sewing
- approved in many applications
- for closing and topstitch seams
- for matt embroidery

Ticket no.	Tex no.	Needle size min. Nm	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

The comprehensive range of Rasant is complemented by the hydrophobic finish "WR". Available on request.

Co =  XW = 

Main application:



- ladieswear, menswear
- sportswear & outdoor
- underwear & lingerie
- denim
- workwear

Further applications:



## POLYESTER/COTTON CORE SPUN

- 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.		Make-up
		Nm	No.	
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

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.

Main application:



- garment dyeing



## COTTON SPUN, MERCERISED

- the classic cotton sewing thread
- made from long-staple mercerised cotton
- ideal sewing performance

Ticket no.	Tex no.	Needle size min. Nm	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

Further application:



## COTTON SPUN, MERCERISED

- 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.		Make-up
		Nm	No.	
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	70	10	5.000 m Co
60	30	65	9	5.000 m Co

Co =  Explanation of colour no.:  
3000 = bleached

Main application:



- garment dyeing

Further application:



## POLYESTER/POLYESTER WRAPPED YARN, METALLISED

- effect thread for creative top stitching
- for metallic accents on fashion and leather
- decorative, impressive, effective

Ticket no.	Tex no.	Needle size min. Nm	No.	Make-up
10	260	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
- denim
- leatherwear

Further application:



## POLYESTER/POLYAMIDE CONTINUOUS FILAMENT

- 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. Nm	No.	Make-up
30	110	-	-	850 m FS

FS/KS = 

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

Main application:



- ladieswear, menswear



## POLYESTER CONTINUOUS FILAMENT

- 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

Ticket no.	Tex no.	Needle size		Make-up
		Nm	No.	
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

Find our new sustainable Serafil Recycled on page 17 and our water-repellent, PFC-free Serafil WRe on page 21!

FS/KS = 

Main application:



- shoes
- bags
- suitcases
- belts and small leather goods

Further applications:



## POLYESTER CONTINUOUS FILAMENT

- the reliable sewing thread for luggage, home interior, shoes and accessories
- for closing and decorative seams
- soft sheen
- high seam strength
- high performing during the sewing process

Ticket no.	Tex no.	Needle size min. Nm	No.	Make-up
10	270	160	23	1.000 m FS
15	210	130	21	1.500 m FS
20	135	120	19	600 m FS 2.500 m FS
30	90	110	18	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	10.000 m FS 2.400 m FS

FS/KS = 

Main application:



- shoes
- bags
- suitcases
- belts and small leather goods

Further applications:



## POLYESTER CONTINUOUS FILAMENT, BRAIDED

- the braided thread for individual decorative effects
- for closing and topstitch seams
- decorative, impressive, effective
- waxed version available for hand sewing

Ticket no.	Tex 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

The comprehensive range of Serabraid is complemented by the water-repellent and eco-friendly finish "WRé". Available on request.

XW =  SSP =  T60 = standard  
T90 = waxed for hand sewing

Main application:



- shoes
- bags
- suitcases

Further applications:



# ONYX

## POLYAMIDE 6.6 CONTINUOUS FILAMENT

- the ultra-strong sewing thread for stressed seams
- for closing and topstitch seams
- robust, abrasion resistant, durable
- excellent strength properties

Ticket no.	Tex no.	Needle size min. Nm	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

Find our new water-repellent, PFC-free Onyx WRe on page 22!

FS/KS = 

Main application:



- shoes
- bags
- suitcases
- belts and small leather goods

Further applications:



## POLYAMIDE 6.6 CONTINUOUS FILAMENT, BONDED

- the robust bonded sewing thread
- for seams with maximum durability
- best sewing performance, also for multidirectional sewing

Ticket no.	Tex no.	Needle size min. Nm	No.	Make-up
10	270	200	25	1.500 m FS
13	210	180	24	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 = 

Main application:



- shoes
- bags
- suitcases
- belts and small leather goods

Further applications:



## POLYESTER CONTINUOUS FILAMENT, TRILOBAL

- 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 Nm	Needle size No.	Make-up
40	27	65	9	10x1.000 m KS 5.000 m KS

FS/KS = 

Main application:



- brilliant & fashionable



Further applications:



## POLYESTER/POLYAMIDE WRAPPED YARN

- 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

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

FS/KS = 

Main application:

- metallic



Further applications:



## PBT (POLYBUTYLENE TEREPHTHALATE)/PP (POLYPROPYLENE), CONTINUOUS FILAMENT

- 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. Nm	No.	Make-up
40	30	70	10	10x800 m KS

FS/KS = 

Main application:



- glow-in-the-dark

Further applications:



## POLYESTER CONTINUOUS FILAMENT, TEXTURISED

- 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

Ticket no.	Tex no.	Needle size min. Nm	Needle size min. No.	Make-up
60	58	90	16	6.000 m FS

FS/KS = 

Main application:

- Chenille embroidery



Further applications:



# ISA ISABOB

## POLYESTER BOBBIN THREADS FOR EMBROIDERY

- 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.		Make-up
		Nm	No.	
150	18	-	-	10.000 m Co
180	16	-	-	20.000 m Co

### Isabob

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

Co = 

Main application:



- bobbin thread

Further applications:



# POLYESTER/COTTON CORE SPUN, GLACÉ

- the sewing thread with special finish for heavy-duty applications
- for closing and decorative seams
- fine matt sheen
- extremely durable in the seam

Ticket no.	Tex no.	Needle size min.		Make-up
		Nm	No.	
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

Further applications:





## POLYESTER CONTINUOUS FILAMENT

- functional sewing thread for mattress quilting
- optimal sewing properties

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

FS/KS = 

Main application:



- mattresses
- pillows and quilts

## TEXTURAN



## POLYESTER CONTINUOUS FILAMENT, TEXTURISED

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

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

FS/KS = 

Main application:



- mattresses
- pillows and quilts

## POLYESTER CONTINUOUS FILAMENT, BONDED

- whether awnings, boat covers, outdoor furniture or shoes – Outdoor-Pro is the ideal sewing thread for outdoor products
- equipped with our PFC-free water-repellent finish as standard
- brilliant colours, textile look and feel
- specially suited for multidirectional sewing
- excellent UV resistance due to special 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.		Make-up
		Nm	No.	
10	270	200	25	1.400 m FS
15	210	180	24	1.900 m FS
20	135	130	22	1.500 m FS 3.000 m FS
30	90	110	18	2.300 m FS
40	70	110	18	5.500 m FS

Co = 

Main application:



- awnings
- boat covers and sails
- outdoor furniture
- tents

Further applications:



## ePTFE (EXPANDED POLYTETRAFLUORETHYLENE) TAPE

- 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. Nm	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

FS/KS = 

Main application:



- outdoor textiles

Further application:



## POLYESTER CONTINUOUS FILAMENT, BONDED

- 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. Nm	No.	Make-up
6	500	240	27	1.700 m FS
9	350	210	26	1.700 m FS
10	270	190	25	1.400 m FS
12	240	180	24	1.800 m FS
15	210	170	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 = 

Main application:

- outdoor textiles



Further applications:



# N-tech N-tech CS

## NOMEX® DUPONT™ META-ARAMIDE, SCHAPPE SPUN (N-TECH)

## NOMEX® DUPONT™ META-ARAMIDE, CUT STAPLE SPUN (N-TECH CS)

- 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

### N-tech

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

### N-tech CS

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

Co =  XW = 

Main application:



- protective clothing
- filtration

Further applications:



## NEWSTAR® YANTAI META- ARAMIDE SCHAPPE SPUN (A-TECH)

## NEWSTAR® YANTAI META-ARAMI- DE, CUT STAPLE SPUN (A-TECH CS)

- 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

### A-tech

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

### A-tech CS

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

Co = 

Main application:



- protective clothing
- filtration

Further applications:



## NOMEX® DUPONT™ META-ARAMIDE CONTINUOUS FILAMENT

- 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

Ticket no.	Tex no.	Needle size min.		Make-up
		Nm	No.	
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 = 

Main application:



- protective clothing



K-tech

## KEVLAR® DUPONT™ PARA-ARAMIDE, SCHAPPE SPUN

- 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.		Make-up
		Nm	No.	
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 = 

Main application:



- protective clothing



## KEVLAR® DUPONT™ PARA-ARAMIDE CONTINUOUS FILAMENT, BONDED

- 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

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

FS/KS = 

Main application:



- protective clothing
- filtration
- composites

Kc-tech



## SILVER COATED POLYAMIDE/ POLYESTER HYBRID THREAD (SILVER-TECH)

- 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. Nm	Needle size min. No.	Make-up	Electric resistance
30	96	120	19	500 m FS	< 85 Ω/m
50	62	90	14	1.500 m FS	< 150 Ω/m
120	28	75	11	2.500 m FS	< 530 Ω/m

FS/KS = 

Main application:



- smart textiles
- medtech

Further applications:



## STAINLESS STEEL/POLYESTER HYBRID THREAD

- conductive 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

## FOR WEAVING, KNITTING AND WARP-KNITTING

Linear density dtex	Tex no.	Make-up	Resistance
930	93	5.000 m Sp	ca. 90 $\Omega$ /m

## FOR SEWING AND EMBROIDERY

Ticket no.	Make-up	Resistance
100	1.500 m KS	ca. 110 $\Omega$ /m

Sp =  KS =

Main application:

- Automotive
- Smart textiles





COLOUR &  
FINISH

# SPECIAL COLOURS

## MULTICOLOURS

Multicolours create special colour accents. The following sewing and embroidery threads by AMANN are offered in multicolours: Saba, Serafil, Strongbond, Isacord.

## NEON COLOURS

Whether they are used as a signal colour for hazardous situations or simply as an eyecatcher – neon colours attract attention and are an indispensable part of the fashion world. The following AMANN products are offered in neon colours: Saba, Sabasoft, Sabatex, Sabaflex, Serafil, Strongbond, Strongfil, Isacord, N-tech, N-tech CS.

# SPECIAL FINISHINGS

## WATER-REPELLENT

A water-repellent finish is a prerequisite for dry seams. All AMANN sewing threads with water-repellent finish are certified according to STANDARD 100 by OEKO-TEX® and do not contain any PFOA. The water-repellent finish is applicable to all AMANN sewing threads. AMANN's water-repellent finish is washable and does not affect the sewability in any negative way. AMANN's Road to Zero: The new WRe finish is even more eco-friendly, since it is completely free of PFC. Certainly, the new WRe finish is also washable and can be sewn easily.

The new WRe finish is available for the following AMANN products: Saba, Onyx, Serafil, Serafil Recycled, Serabraid.

## WAXED (T90)

Due to its special wax content, AMANN's T90 finish is especially suitable for handsewing, since the finish stabilises the stitch during stitch formation. T90 finish is available for the following products: Serabraid, Serafil.

## FOR COMPOSITES (COMPHIL)

The Comphil finish, specially developed by AMANN for composites, offers optimised sewing performance without adhesion-inhibiting properties towards the composite matrix and is thus optimally synchronised with the further processes (for example resin infusion) and end use applications. On both sewing and embroidery threads, the Comphil finish is used for preform production processes (for example TFP embroidery method). As a standard, the Comphil finish is available for following products: Serafil, Serafil fine, Onyx. On request, also further products from the AMANN range can be equipped with the Comphil finish.

## BONDED

This special treatment helps to avoid untwisting of smooth filament threads that are used for multidirectional sewing operations, for example on airbags or zig-zag seams on sails. AMANN offers the following bonded sewing threads: Oxcel, Outdoor-Pro, Serabond, Strongbond, Kc-tech, Xtreme-tech.



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