

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.

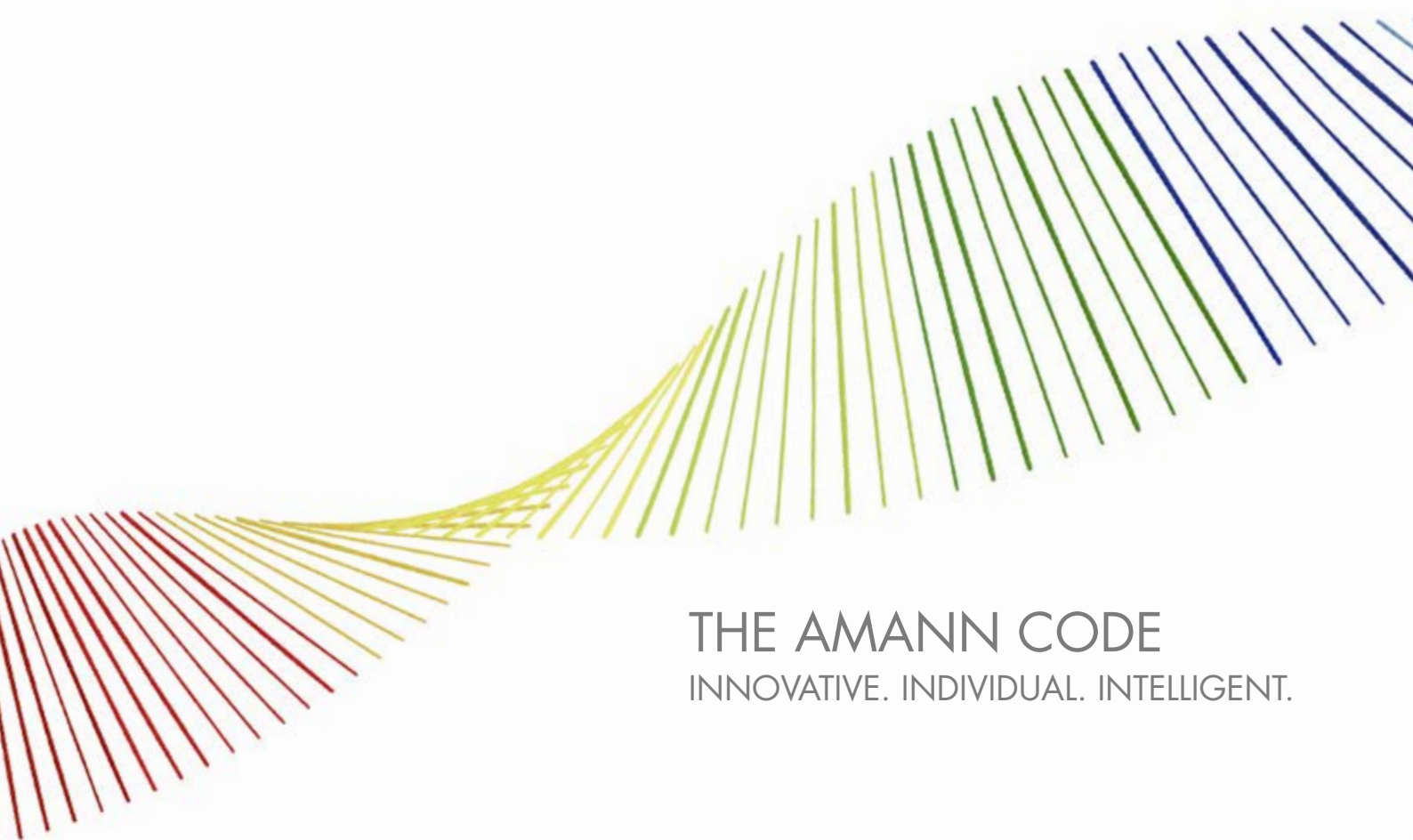
More than 2,500 motivated employees in more than 100 countries worldwide make AMANN's success possible. AMANN Group exclusively produces at its own production sites. The company headquarters are located in Bönningheim, Germany.

# 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.



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, 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 certified according to the Global Recycled Standard (GRS).

<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 SEWING TECHNOLOGY CENTER

Excellent technical sewing and embroidery consulting is one of AMANN's big strengths. For this purpose, AMANN has created a state-of-the-art sewing-technical lab with its new Sewing Technology Center (STC).

Among others, the services of the AMANN Sewing Technology Center comprise the following:

- Technical sewing and embroidery consulting worldwide
- Individual customer workshops, technical seminars and lectures
- Sewing tests and analyses
- Calculation of sewing thread requirement and recommendations for increase in productivity
- Technical elaborations for specific topics
- Processing tests

The AMANN STC team has decades-long, application-oriented know-how and enables customers to receive the best possible consulting and support.





SUSTAINABLE  
PRODUCT  
RANGE

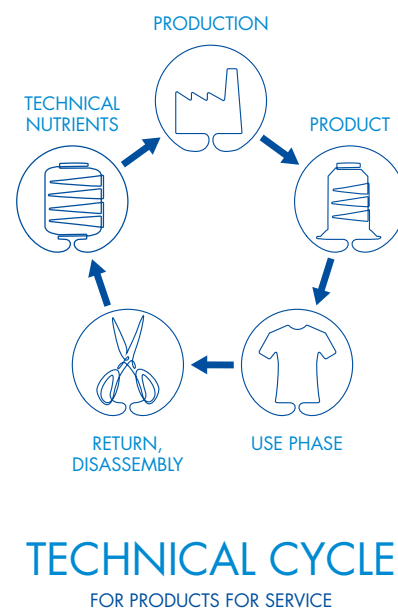
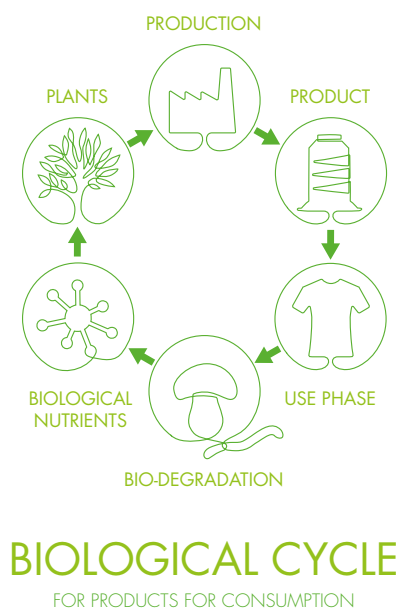


# LIFECYCLE OR RECYCLED. AMANN'S SUSTAINABLE SEWING AND EMBROIDERY THREADS

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.

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.



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



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.



## 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 dyestuffs
- optimal dyeing properties if using as a garment dyeing thread
- ideal choice for manufacturing sustainable products

Ticket no.	Tex no.	Needle size Nm	Needle size No.	Make-up	No. of colours
18	105	120-130	19-21	2,500 m Co	on request
24	80	110-130	18-21	5,000 m Co	on request
30	60	100-120	16-19	5,000 m Co	on request
40	40	80-100	12-16	5,000 m Co	on request
50	35	75-80	11-12	5,000 m Co	on request
60	30	70-80	10-12	5,000 m Co	on request
				20,000 m Co	on request

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
- mostly made from recycled fishing nets and 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		Make-up	No. of colours
		Nm	No.		
40	70	110-130	18-21	1,200 m FS	on request
60	45	100-120	16-19	1,800 m FS	on request
				6,000 m FS	on request
120	24	70-80	10-12	4,000 m FS	on request

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 PET bottles
- 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		Make-up	No. of colours
		Nm	No.		
30	105	110-130	18-21	3,000 m Co	535
35	80	100-120	16-19	5,000 m Co	75
50	60	90-110	14-18	2,500 m Co	535
80	40	90-100	14-16	5,000 m Co	535
120	24	70-80	10-12	5,000 m Co	535

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 PET bottles
- GRS certified
- pure sustainability combined with good sewing performance
- textile appearance
- the ideal choice for manufacturing sustainable products

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
110	27	65-90	9-14	5,000 m Co	on request
120	27	70-90	10-14	5,000 m Co	on request

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 PET bottles
- 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	No. of colours
		Nm	No.		
100	35	-	-	5,000 m Co 10,000 m FS	on request on request
120	18	80-90	12-14	10,000 m Co	535

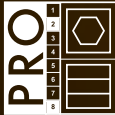
Co =  FS/KS = 

Main application:



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

Further applications:






## POLYESTER CONTINUOUS FILAMENT, 100% RECYCLED

- AMANN's sustainable thread made from 100% recycled PET bottles
- 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		Make-up	No. of colours
		Nm	No.		
20	135	120-140	19-22	600 m FS	240
				2,500 m FS	240
30	90	100-130	16-21	900 m FS	240
				4,000 m FS	240
40	70	90-120	14-19	1,200 m FS	240
				5,000 m FS	240
60	45	80-100	12-16	1,800 m FS	240
				5,000 m FS	on request
80	30	70-90	10-14	2,400 m FS	240
				10,000 m FS	on request

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 PET bottles
- delicate, silk-like, adaptive, semi-transparent
- 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		Make-up	No. of colours
		Nm	No.		
150	21	65-70	9-10	5,000 m FS	100
180	16	65-70	9-10	5,000 m FS	100

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. Numerous water droplets are scattered across the side of the boot, demonstrating its water-repellent properties. The background is dark and out of focus.


WR<sub>e</sub>  
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		Make-up	No. of colours
		Nm	No.		
25	120	130-160	21-23	5,000 m Co	on request
30	105	110-130	18-21	3,000 m Co	on request
35	80	100-120	16-19	5,000 m Co	on request
50	60	90-110	14-18	2,500 m Co	on request
				5,000 m Co	on request
80	40	90-100	14-16	5,000 m Co	on request
100	30	80-90	12-14	5,000 m Co	on request
120	24	70-80	10-12	5,000 m Co	on request
150	21	60-70	8-10	5,000 m Co	on request

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		Make-up	No. of colours
		Nm	No.		
10	270	180-220	24-26	300 m FS	on request
15	210	150-180	23-24	450 m FS	on request
20	135	120-140	19-22	600 m FS 2,500 m FS	148 on request
30	90	100-130	16-21	900 m FS 4,000 m FS	on request on request
40	70	90-120	14-19	1,200 m FS	148
60	45	80-110	12-18	1,800 m FS	on request
80	30	70-110	10-18	2,400 m FS	on request

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

Main application:



- shoes

Further application:






## 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		Make-up	No. of colours
		Nm	No.		
20	135	140-160	22-23	2,000 m FS	on request
30	105	130-150	21-23	2,500 m FS	on request
40	70	110-130	18-21	4,000 m FS	on request
60	45	90-110	14-18	6,000 m FS	on request

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

Main application:



- shoes

Further application:





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## APPAREL

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

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Isacord	42
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N-tech, N-tech CS	50
A-tech, A-tech CS	51
Silver-tech	54



## EMBROIDERY

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

Strongbond	41
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Detailed information on our automotive product range can be found in the AMANN Automotive brochure.



## AUTOMOTIVE

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

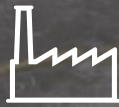




## HOME INTERIOR

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

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## TECHTEX

Protective clothing, outdoor textiles,  
smart textiles, lifting and restraint systems,  
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## 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 Nm	Needle size No.	Make-up	No. of colours
8	400	210-250	26-27	800 m Co	30
12	260	160-180	23-24	1,100 m Co	75
18	200	140-160	22-23	1,400 m Co	75
30	105	110-130	18-21	10x300 m XW 3,000 m Co	535 on request
35	80	100-120	16-19	5,000 m Co	75
50	60	90-110	14-18	10x500 m XW 2,500 m Co	535 535
80	40	90-100	14-16	10x1,000 m XW 5,000 m Co	535 535
100	30	80-90	12-14	10x1,000 m XW 5,000 m Co	535 535
120	24	70-80	10-12	10x1,000 m XW 5,000 m Co	535 535
150	21	60-70	8-10	10x1,000 m XW 5,000 m Co	535 535

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

Co =  XW = 

Main application:



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

Further applications:





## POLYESTER STAPLE SPUN

- the economic 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		Make-up	No. of colours
		Nm	No.		
10	270	160-200	23-25	1,000 m Co	535
20	150	140-160	22-23	2,000 m Co	535
24	120	130-160	21-23	2,000 m Co	535
25	105	130-160	21-23	2,000 m Co	535
30	80	110-150	18-23	2,500 m Co	535
50	60	100-130	16-21	3,000 m Co	535
60	60	100-130	16-21	3,000 m Co	535
75	40	90-120	14-19	5,000 m Co	535
110	27	65-90	9-14	5,000 m Co	535
120	27	70-90	10-14	5,000 m Co	535
150	21	65-90	9-14	5,000 m Co	535
180	18	60-80	8-12	5,000 m Co	535

Find our new sustainable Universal Recycled on page 15!

Co = 

Main application:



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

Further applications:






# 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		Make-up	No. of colours
		Nm	No.		
30	105	120-140	19-22	900 m FS	160
50	70	110-130	18-21	1,200 m FS	160
80	60	80-100	12-16	2,000 m FS	160
120	27	70-80	10-12	1,500 m FS	160

FS/KS = 

Main application:



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



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 Nm	Needle size No.	Make-up	No. of colours
120	18	70-80	10-12	5,000 m Co	240
				10,000 m Co	on request
				30,000 m Co	on request

Co = 

Main application:



- sportswear & outdoor
- underwear & lingerie



## 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		Make-up	No. of colours
		Nm	No.		
120	18	70-80	10-12	5,000 m Co	240
				10,000 m Co	on request
				30,000 m Co	on request

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

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
100	35	90-110	14-18	5,000 m Co	171
				10,000 m FS	171
120	18	80-90	12-14	10,000 m Co	535
				30,000 m Co	on request
250	11	70-80	10-12	5,000 m Co	171
				10,000 m Co	171
				30,000 m Co	on request

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		Make-up	No. of colours
		Nm	No.		
120	24	70-80	10-12	4,000 m FS	100
				15,000 m FS	on request
150	21	65-70	9-10	5,000 m FS	on request
180	16	65-70	9-10	5,000 m FS	100
				20,000 m FS	on request
300	10	60-65	8-9	5,000 m FS	100
				20,000 m FS	on request
420	7	50-65	5-9	10,000 m FS	100

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 Nm	Needle size No.	Make-up	No. of colours
35	80	110-130	18-21	3,000 m Co	52
50	60	100-110	16-18	10x1,000 m XW 5,000 m Co	52 52
75	40	90-100	14-16	10x1,000 m XW 5,000 m Co 10,000 m Co	140 140 on request
120	24	70-80	10-12	10x1,000 m XW 5,000 m Co 10,000 m Co	300 300 on request

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		Make-up	No. of colours
		Nm	No.		
30	105	120-140	19-22	2,500 m Co	3
50	60	100-110	16-18	5,000 m Co	3
75	40	90-100	14-16	5,000 m Co	3
100	30	80-90	12-14	5,000 m Co	3



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 Nm	Needle size No.	Make-up	No. of colours
18	105	120-130	19-21	2,500 m Co	on request
24	80	110-130	18-21	5,000 m Co	on request
30	60	100-120	16-19	5,000 m Co	on request
40	40	80-100	12-19	5,000 m Co	on request
50	35	75-80	11-12	5,000 m Co	on request
60	30	70-80	10-12	5,000 m Co	on request

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		Make-up	No. of colours
		Nm	No.		
18	105	120-130	19-21	2,500 m Co	1
24	80	110-130	18-21	5,000 m Co	1
30	60	100-120	16-19	5,000 m Co	1
40	40	80-100	12-16	5,000 m Co	1
50	35	70-80	10-12	5,000 m Co	1
60	30	65-70	9-10	5,000 m Co	1

Co =  Explanation of colour no.:  
3000 = bleached

Main application:



- garment dyeing

Further application:






## POLYESTER/POLYAMIDE CONTINUOUS FILAMENT

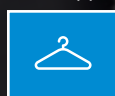
- melting thread for the supplemental security of blindstitch hems on trousers and skirts
- suitable as additional thread or as looper thread in the overlock seam of the hem, in addition to the blindstitch

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
30	110	-	-	850 m FS	2

FS/KS = 

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

Main application:



- ladieswear, menswear






## 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		Make-up	No. of colours
		Nm	No.		
10	260	180-220	24-26	300 m FS	3
30	105	110-130	18-21	700 m FS	3

FS/KS = 

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

Main application:



- ladieswear, menswear
- denim
- leatherwear

Further application:






## 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 Nm	Needle size No.	Make-up	No. of colours
8	350	200-260	25-28	850 m FS	on request
10	270	180-220	24-26	300 m FS 1,000 m FS	148 148
15	210	150-180	23-24	450 m FS	148
20	135	120-140	19-22	600 m FS 2,500 m FS	240 240
30	90	100-130	16-21	900 m FS 4,000 m FS	240 240
40	70	90-120	14-19	1,200 m FS 5,000 m FS	240 240
60	45	80-110	12-18	1,800 m FS 5,000 m FS	240 on request
80	30	70-110	10-18	2,400 m FS 10,000 m FS	240 on request

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, 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	No. of colours
1400 T90	1200	300 m XW	30
1400 T60	1030	300 m SSP	30
1200 T90	890	500 m XW	48
1200 T60	750	500 m SSP	48
1000 T90	600	500 m XW	48
1000 T60	500	500 m SSP	48
800 T90	450	700 m XW	30
800 T60	380	700 m SSP	30

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

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

Main application:



- shoes
- bags
- suitcases

Further applications:






# ONYX

## BONDED NYLON (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		Make-up	No. of colours
		Nm	No.		
10	270	200-230	25-26	1,500 m FS	29
13	210	180-200	24-25	1,500 m FS	29
20	135	140-160	22-23	2,000 m FS	71
30	105	130-150	21-23	2,500 m FS	86
40	70	110-130	18-21	2,000 m FS	86
				4,000 m FS	86
60	45	90-110	14-18	6,000 m FS	71
80	35	80-100	12-16	8,000 m FS	29

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:





## BONDED NYLON (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		No. of colours	Weight
		Nm	No.		
20	135	140-160	22-23	76	9 oz and 16 oz FS
30	90	120-140	19-22	11	16 oz FS
40	70	110-130	18-21	95	10 oz and 16 oz 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	No. of colours
40	27	65-90	9-14	10x1,000 m KS	390
				5,000 m KS	391

FS/KS = 

Main application:



- brilliant & fashionable

Further applications:






## POLYESTER/NYLON (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	No. of colours
		Nm	No.		
40	27	75-90	11-14	1,000 m FS	33
40	27	75-90	11-14	5,000 m FS	32

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		Make-up	No. of colours
		Nm	No.		
40	30	70-80	10-12	10x800 m KS	1

FS/KS = 

Main application:

- glow-in-the-dark



Further applications:



## 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		Make-up	No. of colours
		Nm	No.		
150	18	-	-	10,000 m Co	2
180	16	-	-	20,000 m Co	2

Isabob

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
190	17	-	-	144 bobbins	2

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		Make-up	No. of colours
		Nm	No.		
8	350	210-250	26-27	1,500 m FS	24
11	260	160-180	23-24	1,100 m FS	20
15	200	140-160	22-23	1,400 m FS	20
20	135	130-160	21-23	2,000 m FS	20
25	120	130-160	21-23	2,750 m FS	36
30*	105	120-140	19-22	2,500 m FS	37
35	80	110-130	18-21	4,000 m FS	60

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		Make-up	No. of colours
		Nm	No.		
60	45	100-130	16-21	500 g FS	1
				900 g FS	1
80	30	90-120	14-19	500 g FS	1
				900 g FS	1

FS/KS = 

Main application:




- mattresses
- pillows and quilts



## POLYESTER CONTINUOUS FILAMENT, TEXTURISED

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

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
100	35	90-110	14-18	10,000 m FS	1
				20,000 m FS	1
120	18	80-90	12-14	20,000 m FS	1

FS/KS = 

Main application:



- mattresses
- pillows and quilts



## TEXTURAN



## POLYESTER CONTINUOUS FILAMENT, BONDED

- whether awnings, tarpaulins or lounge furniture - Outdoor-Pro is the professional 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

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
20	135	140-160	22-23	3,000 yd FS	34
				6,800 yd FS	34
30	90	110-130	18-21	2,500 yd FS	34
				5,000 yd FS	34
				10,200 yd FS	34

Co = 

Main application:



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

Further applications:






## 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 Nm	Needle size No.	Make-up	No. of colours	Weight
10	270	190-220	25-26	3,100 yd FS	2	37 oz
15	270	190-220	25-26	2,000 yd FS	14	16 oz
20	135	130-150	21-23	3,000 yd FS 6,800 yd FS	34 on request	16 oz
30	90	110-130	18-21	2,500 yd FS 5,000 yd FS 10,200 yd FS	34 34 on request	8 oz
40	70	90-120	14-19	6,000 m FS	3	16 oz

FS/KS = 

Main application:



- outdoor textiles

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 Nm	Needle size No.	Make-up	No. of colours
HTR	270	110-140	18-22	1,050 m FS	11
TR	150	100-120	16-19	1,750 m FS	11
LTR	110	90-110	14-18	2,100 m FS	1

FS/KS = 

Main application:



- outdoor textiles

Further application:





# 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		Make-up	No. of colours
		Nm	No.		
40	75	100-120	16-19	3,000 m Co	14
70	40	80-100	12-16	10x1,000 m XW 5,000 m Co	21

### N-tech CS

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
70	40	80-100	12-16	10x1,000 m XW 5,000 m Co	21
120	25	70-90	10-14	5,000 m Co	21

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		Make-up	No. of colours
		Nm	No.		
70	40	80-100	12-16	1,000 m Co	21
				5,000 m Co	21

### A-tech CS

Ticket no.	Tex no.	Needle size		Make-up	No. of colours
		Nm	No.		
40	75	100-120	16-19	3,000 m Co	14
70	40	80-100	12-16	5,000 m Co	14

Co = 

#### Main application:



- protective clothing
- filtration

#### Further applications:






Nc-tech

## 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		Make-up	No. of colours
		Nm	No.		
20	140	120-140	19-22	1,000 m FS	7
34	95	120-130	19-21	1,500 m FS	7
40	70	110-130	18-21	2,000 m FS	7
60	45	100-120	16-19	3,000 m FS	7

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		Make-up	No. of colours
		Nm	No.		
35	80	120-140	19-22	3,000 m Co	1
50	60	110-130	18-21	3,000 m Co	1
75	40	100-120	16-19	5,000 m Co	1

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		Make-up	No. of colours
		Nm	No.		
22	135	130-150	21-23	ca. 500 g/ 3,000 m FS	1

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 Nm	Needle size No.	Make-up	Electric resistance
30	96	120-130	19-21	500 m FS	< 85 Ω/m
50	62	90-100	14-16	1,500 m FS	< 150 Ω/m
120	28	75-90	11-14	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

AMANN  
GROUP  
00 T60  
0156  
000m  
A.no. A3701  
**Serabraid**  
100% Polyester Braided

AMANN  
GROUP  
00 T60  
0156  
000m  
A.no. A3701

ISACORD  
AMANN  
GROUP  
00 T60  
0156  
000m  
A.no. A3701

C-tech  
AMANN  
GROUP  
00 T60  
0156  
000m  
A.no. A3701

Serafil  
AMANN  
GROUP  
00 T60  
0156  
000m  
A.no. A3701  
7822  
1200m  
AAL77  
40

AMANN  
GROUP  
00 T60  
0156  
000m  
A.no. A3701

AMANN  
GROUP  
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0156  
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A.no. A3701



# 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.

## 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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