

AUTOMOTIVE





160
YEARS OF
INNOVATION

AMANN GROUP

Since 1854, AMANN has been one of the globally leading producers in the field of high-quality sewing and embroidery threads. More than 1,900 motivated employees in more than 100 countries all over the world make AMANN's success possible. AMANN Group produces exclusively at its own production sites. The company headquarters are located in Bönningheim, Germany.

Automotive applications place outstanding demands upon materials and processes. This requires innovative and reliable thread components: ideally balanced twist and elongation level, highest strength level, and highly consistent finishings in combination with a perfectly adjusted precision winding process guarantee our customers the best processing and seam performance. This results in higher production efficiency and reduced scrap rates.

AMANN's highly engineered sewing threads are developed and manufactured in close cooperation with the automotive industry. Full dedication to the customers' needs and requirements is what drives AMANN. This ongoing commitment ensures that AMANN is the preferred supplier of the global automotive industry – today and in the future.

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 of the sites Bönningheim and Augsburg in accordance with the DIN EN ISO 14001 environmental management system.

ENERGY MANAGEMENT

The reasonable use of energy is an important factor in AMANN's sustainability programme. The DIN EN ISO 50001 certification states that the production site at Augsburg has developed a sustainable energy management system and has a very high degree of energy efficiency and environmental compatibility.

QUALITY COMMITMENT

The fulfilment of the process-oriented quality commitment for a safe production environment is proven by the certification of the offices Bönningheim, Augsburg, Brasov and Manchester under the strict DIN EN ISO/TS 16949 standards. Moreover, the DIN EN ISO/TS 16949 certification of the production site in Yancheng is projected for 2017.

HEALTH ASPECTS

The compliance with REACh and certification under STANDARD 100 by OEKO-TEX® guarantees that AMANN's products are not harmful.



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 the automotive industries and offers professional product solutions for all applications.

INTERNATIONAL SALES TEAM

AMANN's direct points of contact all over the world facilitate a more personal communication and have comprehensive understanding for the requirements and procedures within the international automotive industry.

COLOUR COMPETENCE

Colour is an essential aspect within automotive interior design concepts. 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 automotive applications and automotive product specifications.

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 brand-new, state-of-the-art Sewing Technology Center (STC).

Among others, the services of the AMANN Sewing Technology Center, Automotive Division, 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
- Support for special production fields
- Processing tests and processing recommendations

For decades, the AMANN STC team has been gathering application-oriented know-how. This guarantees best possible consulting and support.



POLYAMIDE 6.6 CONTINUOUS FILAMENT

- the reliable and high-performing sewing thread
- outstanding colour fastness due to special dyestuffs
- for closing and topstitch seams
- extremely durable, approved in many applications

Ticket no.	Tex no.	Needle size		Make-up
		Nm	No.	
11	270	200-230	25-26	1.000 m FS
13	210	180-200	24-25	1.500 m FS
20	135	140-160	22-23	1.000 m FS 2.000 m FS* 4.000 m FS
30	105	130-150	21-23	5.000 m FS* 7.000 m FS*
40	70	110-130	18-21	2.000 m FS 4.000 m FS* 8.000 m FS* 12.000 m FS*
60	45	90-110	14-18	3.000 m FS

* STRONGFIL⁺
the new generation of polyamide 6.6 in bigger make-ups

FS/KS =

POLYESTER CONTINUOUS FILAMENT

- the outstanding product for interior design concepts
- for decorative and closing seams
- excellent colour fastness to artificial light at high temperatures
- 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	200-260	25-28	850 m FS
10	270	180-220	24-26	300 m FS 1.000 m FS
13 SW	240	150-180	23-24	kg FS
15	210	150-180	23-24	450 m FS
20	135	120-140	19-22	600 m FS 2.500 m FS
25	90	120-140	19-22	3.000 m FS
30	90	100-130	16-21	900 m FS 4.000 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 5.000 m FS
80	30	70-110	10-18	2.400 m FS 10.000 m FS
120	24	70-80	10-12	4.000 m FS

FS/KS =



POLYAMIDE 6.6 CONTINUOUS FILAMENT, BONDED

- safety first: the leading product for airbag cushion manufacturing
- excellent processing reliability
- perfect for multidirectional sewing
- very high seam strength
- high abrasion and temperature resistance

Ticket no.	Tex no.	Needle size Nm	No.	Make-up
13	260	180-200	24-25	1.000 m FS 2.000 m FS
20	175	140-160	22-23	3.000 m FS 4.500 m FS
30	112	130-160	21-23	2.500 m FS 5.000 m FS
40	85	110-130	18-21	3.500 m FS
60	57	100-120	16-19	5.000 m FS
80	39	90-110	14-18	9.000 m FS

FS/KS = 



POLYESTER CONTINUOUS FILAMENT, BRAIDED

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

Ticket no.	Tex no.	Make-up
800 T60	380	700 m SSP
800 T90	450	700 m XW
1000 T60	500	500 m SSP
1000 T90	600	500 m XW
1200 T60	750	500 m SSP
1200 T90	890	500 m XW
1400 T60	1030	300 m SSP
1400 T90	1200	300 m XW

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



POLYESTER CONTINUOUS
FILAMENT, TRILOBAL

- universal machine embroidery thread for brilliant embroideries
- great in colour, great in function
- abrasion-resistant, robust, perfect embroidery properties
- excellent colour fastness

Ticket no.	Tex no.	Needle size Nm	No.	Make-up
40	27	65-90	9-14	10x1.000 m KS 5.000 m KS

FS/KS = 

ISA
POLYESTER FIBRE BOBBIN THREAD, UNBONDED

Ticket no.	Tex no.	Needle size Nm	No.	Make-up
150	18	–	–	10.000 m Co

Co = 

PASSENGER SAFETY SYSTEMS

AIRBAG

Product	Major characteristic	Ticket no.	Tex no.
OXCEL+	Multidirectional seams, all airbag applications		
Polyamide 6.6 continuous filament, bonded	Needle & bobbin thread	13, 20, 30, 40, 60, 80	260, 175, 112, 85, 57, 39
WARDEX	Offers alternative seam construction		
Polyamide 6.6 continuous filament, unbonded	Optional bobbin thread	20	175
OXCEL HT	Multidirectional seams, high temperature resistance, improved working ability of seam		
Polyamide 4.6 continuous filament, bonded	Needle & bobbin thread	20	175
OXCEL HT (LUBRICATED)	Offers alternative thread concept		
Polyamide 4.6 continuous filament, unbonded	Optional bobbin thread	20	175
Kc-TECH	Multidirectional seams, very high strength & extreme temperature resistance		
Kevlar® DuPont™ para-aramide continuous filament, bonded	Needle & bobbin thread	20, 20/1	160, 130
OXCEL-EVO	Multidirectional seams, all airbag applications		
Polyester continuous filament, bonded	Needle & bobbin thread	13, 20, 30	330, 205, 145

SEATBELT

Product	Major characteristic	Ticket no.	Tex no.
SERAFIL	Functional seams, very good fastness to light, flat seam appearance, SW=spun-dyed black		
Polyester continuous filament, unbonded	Needle & bobbin thread	8 SW, 10 SW, 13 SW, 8, 10, 30, 40	350 SW, 270 SW, 240 SW, 350, 270, 90, 70

STEERING WHEEL

Product	Major characteristic	Ticket no.	Tex no.
SERAFIL	Decorative, functional and manual seams, very good fastness to light, *wax finish T90	10, 15, 20*, 40	270, 210, 135*, 70
SERABRAID	Manual seams, very good fastness to light, wax finish T90	800 (1000, 1200, 1400)	450 (600, 890, 1200)

SEATING & INTERIOR SYSTEMS

CAR MAT

Product	Major characteristic	Ticket no.	Tex no.
STRONGFIL/STRONGFIL+ Polyamide 6.6 continuous filament, unbonded	Excellent abrasion resistance		
	Needle & bobbin thread	40	70

CONSOLE

Product	Major characteristic	Ticket no.	Tex no.
SERAFIL Polyester continuous filament, unbonded	Decorative seams, very good fastness to light		
	Needle thread Bobbin thread	15, 20 40	210, 135 70
SERABRAID Polyester continuous filament, braided	Decorative seams, handcraft designs, very good fastness to light, finish T60 for machine sewing		
	Needle thread Bobbin thread: Serafil	800 T60 20	380 135

DASHBOARD

Product	Major characteristic	Ticket no.	Tex no.
SERAFIL Polyester continuous filament, unbonded	Decorative seams, very good fastness to light		
	Needle thread Bobbin thread	15, 20, 30 30, 40	210, 135, 90 90, 70
SERAFIL Polyester continuous filament, unbonded	Functional airbag seam		
	Needle & bobbin thread	120	24
SERABRAID Polyester continuous filament, braided	Decorative seams, handcraft designs, very good fastness to light, finish T60 for machine sewing		
	Needle thread Bobbin thread: Serafil	800 T60 20	380 135

SEATING & INTERIOR SYSTEMS

DOOR PANEL

Product	Major characteristic	Ticket no.	Tex no.
SERAFIL Polyester continuous filament, unbonded	Decorative seams, very good fastness to light		
	Needle thread Bobbin thread	15, 20, 30 30, 40	210, 135, 90 90, 70
SERAFIL Polyester continuous filament, unbonded	Functional airbag seam		
	Needle & bobbin thread	120	24
SERABRAID Polyester continuous filament, braided	Decorative seams, handcraft designs, very good fastness to light, finish T60 for machine sewing		
	Needle thread Bobbin thread: Serafil	800 T60 20	380 135

EMBROIDERY

Product	Major characteristic	Ticket no.	Tex no.
ISACORD Polyester continuous filament, trilobal	Excellent brilliance of colour, lustrous patterns possible		
	Needle thread Bobbin thread: ISA	40 150	27 18

SEATING & INTERIOR SYSTEMS

GEAR SHIFT COVER

Product	Major characteristic		Ticket no.	Tex no.
STRONGFIL/STRONGFIL+ Polyamide 6.6 continuous filament, unbonded	Decorative seams, excellent abrasion resistance			
		Needle thread	13, 20	210, 135
		Bobbin thread	30, 40	105, 70
STRONGFIL/STRONGFIL+ Polyamide 6.6 continuous filament, unbonded	Functional seams, excellent abrasion resistance			
		Needle thread	30, 40	105, 70
		Bobbin thread	30, 40	105, 70
SERAFIL Polyester continuous filament, unbonded	Decorative seams, very good fastness to light			
		Needle thread	10, 15, 20	270, 210, 135
		Bobbin thread	30, 40	90, 70
SERAFIL Polyester continuous filament, unbonded	Functional seams, very good fastness to light			
		Needle thread	30, 40	90, 70
		Bobbin thread	30, 40	90, 70

HEADREST

Product	Major characteristic		Ticket no.	Tex no.
STRONGFIL/STRONGFIL+ Polyamide 6.6 continuous filament, unbonded	Decorative seams, excellent abrasion resistance			
		Needle thread	20, 40	135, 70
		Bobbin thread	40	70
STRONGFIL/STRONGFIL+ Polyamide 6.6 continuous filament, unbonded	Functional seams, excellent abrasion resistance			
		Needle thread	30, 40	105, 70
		Bobbin thread	30, 40	105, 70
SERAFIL Polyester continuous filament, unbonded	Decorative seams, very good fastness to light			
		Needle thread	20, 30, 40	135, 90, 70
		Bobbin thread	40	70
SERAFIL Polyester continuous filament, unbonded	Functional seams, very good fastness to light			
		Needle thread	20, 40	135, 70
		Bobbin thread	40	70
SABATEX Polyester continuous filament, texturised	Excellent cover effect, overlock seams			
		Looper thread	100	35
		Needle thread: Serafil	80	30

SEATING & INTERIOR SYSTEMS

SEAT COVER

Product	Major characteristic		Ticket no.	Tex no.
STRONGFIL/STRONGFIL+ Polyamide 6.6 continuous filament, unbonded	Decorative seams, excellent abrasion resistance			
		Needle thread	20, 30, 40	135, 105, 70
		Bobbin thread	30, 40	105, 70
STRONGFIL/STRONGFIL+ Polyamide 6.6 continuous filament, unbonded	Functional seams, excellent abrasion resistance			
		Needle thread	30, 40	105, 70
		Bobbin thread	30, 40	105, 70
SERAFIL Polyester continuous filament, unbonded	Decorative seams, very good fastness to light			
		Needle thread	10, 15, 20	270, 210, 135
		Bobbin thread	20, 30, 40	135, 90, 70
SERAFIL Polyester continuous filament, unbonded	Functional seams, very good fastness to light			
		Needle thread	20, 25, 30	135, 90, 90
		Bobbin thread	20, 30	135, 90
SERAFIL Polyester continuous filament, unbonded	Functional airbag seams			
		Bobbin thread	80	30
SERABRAID Polyester continuous filament, braided	Decorative seams, handcraft designs, very good fastness to light, finish T60 for machine sewing			
		Bobbin thread: Serafil	20	135

SEATING & INTERIOR SYSTEMS/BONDED PRODUCTS

Product	Major characteristic		Ticket no.	Tex no.
STRONGBOND Polyamide 6.6 continuous filament, bonded	Multidirectional seams, excellent abrasion resistance			
		Needle & bobbin thread	10, 20, 30, 40	270, 135, 90, 70
STRONGBOND Polyamide 6.6 continuous filament, bonded	Functional airbag seams			
		Needle thread Bobbin thread: Oxcel+	30, 40 (80)	90, 70 (39)
SERABOND Polyester continuous filament, bonded	Multidirectional seams, very good fastness to light			
		Needle & bobbin thread	20, 30, 40	135, 90, 70

CONVERTIBLE SOFT TOP

Product	Major characteristic		Ticket no.	Tex no.
SERAFIL WR Polyester continuous filament, unbonded	Functional seams, very good fastness to light, water-repellent finish			
		Needle & bobbin thread	20	135
RASANT WR Polyester/cotton core spun	Functional seams, water-repellent finish			
		Offers alternative seam construction	20, 25	135, 120
SABA ^C Polyester/polyester core spun	Functional seams			
		Needle & bobbin thread	25	120