



Gütermann



WORKWEAR Thread Guide



Reliable sewing threads for PPE and workwear: safety starts at the seam.

Workwear is multifunctional and one of the most important tools in many workplaces. In demanding work environments, every detail counts, so the expectations for quality, functionality and comfort are high. This is particularly important for clothing that needs to provide comfort and protection.

Personal Protective Equipment (PPE) and Workwear are essential for ensuring the safety, functionality and professional appearance of employees. Selecting the right sewing thread and ensuring high-quality seams plays a central role here. The seams must be able to withstand extreme stresses, provide permanent reliability, and meet the specific requirements of the respective industry.

Thread requirements

- High tear and abrasion resistance
- Resistance to washing and chemicals
- Colour fastness
- High heat resistance and flame-retardant properties
- Processing efficiency (e.g. make-up, machine processing)

High-performance materials at a glance

Certain materials require special seams. Seams that cannot be compromised. Choosing the right sewing thread is crucial for the quality and safety of the entire garment. Our sewing threads for PPE and workwear are based on innovative materials and advanced manufacturing technologies that have been specially developed for demanding applications.

Polyester

Universally applicable, abrasion-resistant and colourfast – ideal for robust workwear with high wash resistance.

Polyamide

Particularly elastic and tear-resistant – suitable for heavily stressed seams and flexible garments.

Aramid

Extremely heat and cut-resistant; ideal for e. g. protective suits, military and police use.

Meta-aramid

Flame-retardant and chemical-resistant – ideal for protective clothing requiring fire protection.

PTFE & special yarns

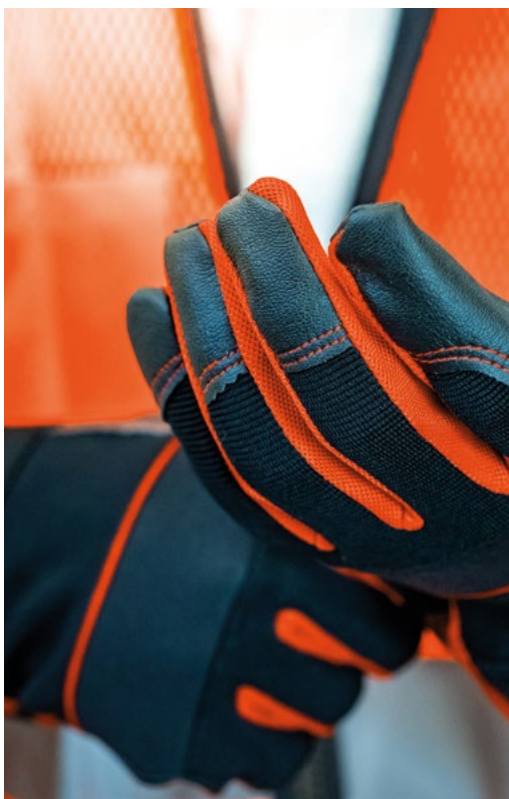
Ideal for use in extreme conditions, such as in the chemical industry or for filtration.

Industries & segments

Our sewing threads for PPE and workwear have been developed to meet the challenges related to these applications. They offer maximum tear resistance, as well as thermal and chemical resistance, and optimal processing properties. This makes them the ideal choice for manufacturers of high-quality PPE and workwear.

They are used in numerous industries where safety, function, and durability are key, such as:

- Firefighting, rescue services, and police
- Industry and trade
- Healthcare and nursing
- Logistics and transport
- Agriculture and forestry
- Facility management and cleaning
- Military and aviation



Certified quality

Our sewing threads are a functional and integral part of high-quality PPE and workwear. We offer a wide range of threads to meet your need and all of our products are certified to relevant standards, including EN ISO, OEKO-TEX®, UL and DIN EN ISO 15797 for industrial laundries.

Meta-aramid sewing threads meet the DIN EN ISO 15025 standard for protective clothing, making them ideal for applications where compliance with the DIN EN 469, EN ISO 11612, EN ISO 11611 and EN ISO 14116 standards is required.

PLAY IT SAFE

with heat-resistant sewing threads



In hazardous working environments, Personal Protective Equipment (PPE) is essential. Safety clothing and footwear must meet very high standards. Reliability and safety are always the top priorities.

This equipment is intended to protect people from heat, flames, chemicals, mechanical impacts and other risks. It must meet the highest standards of functionality, comfort and durability, and comply with all legal requirements.

Seam technology for personal protective equipment (PPE)

Aramid sewing threads are the best choice for heat- and flame-resistant clothing. The product range includes various materials, raw materials, and thread constructions.

Key advantages

- ◆ Seam strength even under extreme heat and non-melting
- ◆ Flame retardant and self-extinguishing
- ◆ Good chemical resistance to weak acids and alkalis
- ◆ High tear and abrasion resistance
- ◆ Excellent mechanical stability

Our product solutions

GÜTERMANN K 403 | 753

This spun sewing thread is made from 100 % Nomex® long staple aramid fibres. Thanks to its special construction, it has high tensile strength and can withstand heat up to approximately 360 °C for short periods, making it ideal for applications where flame retardancy, heat resistance and tear resistance are crucial.

ANESAFE® 36 | 50 | 75 | 120

Anesafe® is spun from 100 % short-staple Nomex® aramid fibres. It is the most popular aramid sewing thread for manufacturing highly heat-resistant and flame-retardant clothing and equipment and can withstand temperatures of up to approx. 360 °C for short periods.



GÜTERMANN L 753 | 1503

This continuous filament is made of 100 % meta-aramid/Nomex® and ideal for applications requiring flame-retardant and self-extinguishing properties combined with high tear resistance. It can withstand temperatures of up to approximately 360 °C for short periods and 260 °C for longer periods.

ACERO 15 | 30

The wrapped yarn with stainless steel fiber core is highly cut-resistant and heat-resistant up to 700 °C under mechanical stress or 1000 °C without. The Kevlar® sheathing provides strength, low density, and good chemical resistance to acids and alkalis.

Aneguard using Kevlar® 27 | 36 | 50

This high-performance sewing thread is made from 100 % Kevlar® para-aramid and is used for cut- and tear-resistant clothing. It is highly heat-resistant, withstanding temperatures of up to 420 °C for short periods, and resistant to weak acids and alkalis.



In high-risk operational sectors such as the police, security services and the military, protective clothing with cut-resistant and bulletproof properties is indispensable. The durability and protective effect of the product are heavily dependent on the materials used and the processing techniques employed. A central role is also played by special threads that can withstand extreme forces and can be processed efficiently at the same time.

PROTECTION THAT ENDURES

Stitch by stitch

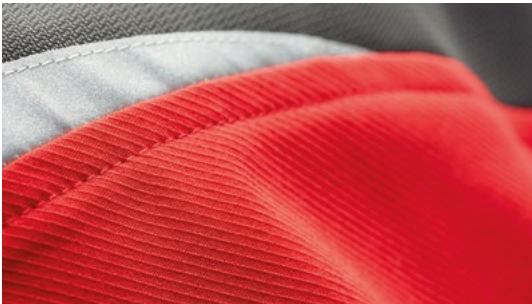
Your workwear products ensure workplace safety, protect against injuries and increase productivity, allowing both employees and employers to focus on their work. Good Job! We support you with high-quality sewing threads that meet the requirements of modern textile applications, offering durability, comfort and performance.





Strong sewing threads for strong workwear

Workwear can look good! While safety and functionality remain paramount, modern workwear has to fulfil design and comfort requirements too. Our high-quality garments combine maximum safety with a modern design and excellent wearability, making them ideal for leasing and corporate wear. They are robust, resilient and durable – ideal for workwear that can handle any task.



Our product solutions

Mara 30 | 50 | 70 | 80 | 100 | 120

Our premium sewing thread is made from 100 % polyester and is manufactured using our innovative Micro Core Technology®. Thanks to its excellent performance on automatic machines and its fine cross-section, it produces particularly smooth, even seams with a silk-like sheen. It is perfect for applications requiring durability, ease of care and a professional appearance, such as modern workwear, corporate wear and leasing wear.

Perma Core® 27 | 36 | 50 | 75 | 120

The highly tear and abrasion-resistant corespun thread made from 100 % polyester is exceptionally well suited for heavily stressed seams. Perma Core® is ideal for the manufacturing of workwear that is exposed to enzymatic and chemical treatments.

Perma Spun® 30 | 50 | 75 | 120

Perma Spun® is a spun sewing thread made from 100 % polyester. Thanks to its excellent sewing performance, abrasion resistance, and soft, matt finish, it is an economical solution for simple sewing applications involving closing seams.

Wildcat Plus® 40 | 80 | 160 | 240

The textured sewing thread made of 100 % polyester is perfect for covering cut edges and overlock seams. The soft sewing thread was developed for comfortable wear and is ideal for seams that come into direct contact with the skin.

D-Core® 27 | 36 | 50 | 75 | 120

D-Core® is a high-quality corespun thread with a polyester filament core covered by a cotton coating. This combination offers the perfect balance of stability, heat resistance, and a natural, washed look—ideal for workwear that needs to be both functional and visually appealing.

SAFE FOOTING

Step by step



Protecting your feet is essential for safe and productive work, whether on the construction site, in the factory hall, or in everyday care work. Safety shoes offer much more than just robust footwear.

They protect against injuries, provide stability and support, and significantly improve wearing comfort.

The quality of the seams is as important as the materials and construction of the shoe. High-performance sewing threads ensure strong connections that can withstand extreme-conditions.

Robust threads for safety shoes

In demanding working environments, seams are exposed to extreme mechanical stress. Especially where leather and synthetic materials meet, the sewing thread must be flexible yet highly durable. Our range offers solutions specially developed for this purpose, including proven polyester sewing threads and high-quality polyamide 6.6 alternatives, which are characterized by particularly high tear and abrasion resistance.

Thanks to a wide range of thread counts, our products can be optimally tailored to their respective application. This ensures reliable performance and durable seam quality, even under the toughest conditions.

Our product solutions

Tera 10 | 20 | 30 | 40 | 60

Tera is a continuous filament thread made from 100 % polyester suitable for heavy-duty, tear- and abrasion-resistant shoe seams. The optimal elasticity of the sewing thread ensures beautiful, even, decorative seams.

Amifil 13 | 20 | 30 | 40 | 60

This 100 % polyamide 6.6 continuous filament is characterized by its excellent stretch properties and high tear resistance. Offering reliable machine safety, it is the ideal choice for closing and decorative seams in safety shoes, which must withstand extreme mechanical stress.

Zwibond 13 | 20 | 30 | 40 | 60

The inner-bonded, continuous thread made of 100 % polyamide 6.6 impresses with its special construction. Thanks to the inner bonding, it does not twist, remains dimensionally stable, and can be reliably processed on machines. For use on two-needle sewing machines and for extremely stressed seams, Zwibond offers maximum durability and precision.

Anebraid® L 1,0 is a braided, continuous filament thread made from 100 % lubricated polyester, ensuring smooth processing. Thanks to its brilliant appearance and high resistance to rubbing and tearing, it can be used as a needle and gimp thread to create decorative seams.

Antistatik 30/4

This special thread is a corespun thread made of polyamide 6.6 and steel, which has antistatic and conductive properties. It meets the low resistance requirements of DIN EN ISO 20345 for antistatic shoes.

REPEL finish for water-repellent sewing threads

Safety shoes must be able to withstand mechanical stress and provide reliable protection against moisture. Seam stability is key, as even water-repellent upper materials can become vulnerable if the seams are not protected.

Water-repellent REPEL finishing provides an ideal foundation for creating dense seams. This significantly reduces water penetration through the seams. This noticeably improves the functionality of water-repellent safety shoes, keeping your feet dry in adverse weather conditions.

To achieve maximum seam repelancy, we recommend using fine needles and threads to minimise the size of the puncture holes. Better coverage of the puncture points can be achieved by positioning the interlaced thread on the underside of the material.



HIGHLY DURABLE

Sewing threads for special equipment

In safety-critical areas such as industry, transport and rescue services, safety is the top priority – every detail counts.

When human lives or heavy loads are at stake, the quality of the seam cannot be compromised.





High-performance sewing threads for safety-critical lifting and carrying straps

When it comes to safety and resilience, our high-performance sewing threads are the obvious choice. They offer maximum tear and excellent abrasion resistance, as well as lasting stability – even under heavy tensile loads, dynamic movements, and adverse environmental conditions. They ensure reliable connections that you can depend on at all times, whether they are manufacturing lifting straps, carrying systems or safety equipment.

Our product solutions

Tera 5 | 8 | 10 | 15 | 20 | 30 | 40

The continuous filament thread is made of 100 % polyester and has been developed for use in extreme conditions. It is highly tear and abrasion-resistant and hardly stretches—making it ideal for safety-critical seams in lifting and carrying straps. Thanks to its thermal stability and resistance to moisture, Tera is particularly well-suited to industrial applications, transport solutions and rescue equipment.

Filan 10 | 20 | 30 | 40

Filan is a high-performance sewing thread made from 100 % polyester that has been specially designed for use in applications involving extreme tensile forces. Thanks to its high tear and abrasion resistance and good elasticity, it is ideal for safety-critical seams in lifting and carrying straps.

Zwibond 13 | 20 | 30 | 40

This inner-bonded, continuous filament yarn, made from polyamide 6.6, was developed to create extremely durable seams. Its thread construction provides excellent tear and abrasion resistance, as well as thermal stability. It is perfect for safety-critical applications where maximum durability and permanent seam security are required

Amifil 13 | 20 | 30 | 40

Amifil is made from 100 % polyamide 6.6 and used to create strong, durable seams in workwear and technical textiles. Thanks to its excellent elongation properties, high tear and abrasion resistance, and smooth surface, it is ideal for use in specialized equipment, such as lifting and carrying straps. Its continuous filament construction ensures uniform, robust seams in both manual and automated manufacturing processes.



MARA

for most beautiful seams



- Material:** 100 % polyester
- Construction:** Micro Core Technology®
- Areas of use:** Apparel, Denim, Workwear, Sports & Activewear, Underwear, Leather & Shoes, Home Textiles & Upholstery
- Recommended application:** Closing, decorative, overlock, safety & coverstitch seams, straight button holes, eyelet button holes with/without gimp
- Product benefits:**
- + Unique MCT® construction
 - + Brilliant colours with a silky appearance
 - + Fine thread cross-section for particularly smooth seams
 - + Excellent performance on automatic sewing machines
 - + No fibre fly

No./Tkt.	dtex	Needle	Make-up	Colours	Code
220	130(1)	NM 60 - 65 / 8 - 9	5,000 m	400	772607
150	200(2)	NM 65 - 70 / 9 - 10	1,000 m	400	713953
			5,000 m	400	713961
120	250(2)	NM 70 - 80 / 10 - 12	1,000 m	400	700207
			5,000 m	400	700185
100	300(2)	NM 70 - 90 / 10 - 14	1,000 m	400	707694
			5,000 m	400	707708
80	400(2)	NM 80 - 100 / 12 - 16	800 m	400	700428
			5,000 m	400	700410
70	400(3)	NM 90 - 100 / 14 - 16	700 m	400	702170
			7,000 m	400	702153
50	600(3)	NM 90 - 110 / 14 - 18	500 m	400	702277
			5,000 m	400	702250
30	1000(3)	NM 110 - 130 / 18 - 21	300 m	400	702404
			3,000 m	400	702358
15	2000(3)	NM 140 - 160 / 22 - 23	150 m	149	720623
			1,500 m	149	720429
11	2600(4)	NM 160 - 180 / 23 - 24	110 m	149	702510
			1,130 m	149	702501



MARA rPET

for 100 % recycled seams



- Material:** 100 % polyester, recycled
- Construction:** Micro Core Technology®
- Areas of use:** Apparel, Denim, Workwear, Sports & Activewear, Leather & Shoes, Home Textiles & Upholstery
- Recommended application:** Closing, decorative, overlock, safety & coverstitch seams, straight button holes, eyelet button holes with/without gimp
- Product benefits:**
- + Unique MCT® construction
 - + Brilliant colours with a silky appearance
 - + Fine thread cross-section for particularly smooth seams
 - + Excellent performance on automatic sewing machines
 - + No fibre fly

No./Tkt.	dtex	Needle	Make-up	Colours	Code
120	250(2)	NM 70 - 80 / 10 - 12	1,000 m	400	708467
			5,000 m	400	708468
70	400(3)	NM 90 - 110 / 14 - 16	700 m	400	708473
			7,000 m	400	708474
50	600(3)	NM 90 - 110 / 14 - 18	500 m	400	708470
30	1000(3)	NM 110 - 130 / 18 - 21	300 m	400	708437
15	2000(3)	NM 140 - 160 / 22 - 23	150 m	149	708479
11	2650(4)	NM 160 - 180 / 23 - 24	110 m	149	708518



TERA

for brilliant seams



- Material:** 100 % polyester
- Construction:** Continuous filament
- Areas of use:** Apparel, Denim, Workwear, Leather & Shoes, Home Textiles & Upholstery
- Recommended application:** Closing & decorative seams
- Product benefits:**
- + Durable, robust seams
 - + Very high tear resistance
 - + Very even
 - + Shiny appearance
 - + High rub resistance



No./Tkt.	dtex	Needle	Make-up	Colours	Code
80	350(3)	NM 70 - 90 / 10 - 14	2,400 m	240	704261
			8,000 m	240	704270
60	500(3)	NM 90 - 100 / 14 - 16	1,800 m	240	704350
			6,000 m	240	704369
40	750(3)	NM 90 - 110 / 14 - 18	1,200 m	240	704440
			4,000 m	240	704458
30	1000(3)	NM 110 - 130 / 18 - 21	900 m	240	704601
			3,000 m	240	704610
20	1500(3)	NM 120 - 140 / 19 - 22	600 m	240	704687
			2,000 m	240	704695
15	2000(3)	NM 140 - 160 / 22 - 23	400 m	40	784290
10	2900(3)	NM 160 - 230 / 23 - 26	300 m	240	704814
			1,000 m	240	704822
8	3750(3)	NM 200 - 250 / 25 - 27	800 m	40	704920
5	6000(3)	NM 250 - 300 / 27 - 29	500 m	40	704857



TERA rPET

for 100 % recycled seams



- Material:** 100 % polyester, recycled
- Construction:** Continuous filament
- Areas of use:** Apparel, Denim, Workwear, Leather & Shoes, Home Textiles & Upholstery
- Recommended application:** Closing & decorative seams
- Product benefits:**
- + Durable, robust seams
 - + Very high tear resistance
 - + Very even
 - + Shiny appearance
 - + High rub resistance

No./Tkt.	dtex	Needle	Make-up	Colours	Code
80	350(3)	NM 70 - 90 / 10 - 14	2,400 m	240	704262
			8,000 m	240	704271
60	500(3)	NM 90 - 100 / 14 - 16	1,800 m	240	704355
			6,000 m	240	704365
40	750(3)	NM 90 - 110 / 14 - 18	1,200 m	240	704443
			4,000 m	240	704459
30	1000(3)	NM 110 - 130 / 18 - 21	900 m	240	704603
			3,000 m	240	704611
20	1500(3)	NM 120 - 140 / 19 - 22	600 m	240	704686
			2,000 m	240	704697
15	2000(3)	NM 140 - 160 / 22 - 23	400 m	40	784291
			1,500 m	40	784294



PERMA CORE®

for highly stressed seams



- Material:** 100 % polyester
- Construction:** Corespun
- Areas of use:** Apparel, Denim, Workwear, Sports & Activewear, Leather & Shoes, Home Textiles & Upholstery
- Recommended application:** Closing, decorative, overlock, safety & coverstitch seams, straight button holes, eyelet button holes with/without gimp
- Product benefits:**
- + Matt finish
 - + Durable, robust seams
 - + High tear resistance
 - + Excellent performance on automatic sewing machines
 - + High rub resistance

No./Tkt.	dtex	Needle	Make-up*	Colours	Code
120	240(2)	NM 70 - 80 / 10 - 12	1,000 m	408	708960
			5,000 m	408	708961
75	400(2)	NM 80 - 100 / 14 - 18	5,000 m	408	708941
50	600(2)	NM 90 - 110 / 12 - 16	5,000 m	200	708931
36	800(2)	NM 100 - 120 / 16 - 19	5,000 m	200	708921
27	1050(2)	NM 110 - 130 / 18 - 21	5,000 m	408	708911



PERMA SPUN®

for simple seams



- Material:** 100 % polyester
- Construction:** Spun
- Areas of use:** Apparel, Denim, Workwear
- Recommended application:** Closing seams
- Product benefits:**
- + Soft seams
 - + Matt finish
 - + Economical seam solution

No./Tkt.	dtex	Needle	Make-up*	Colours	Code
120	270(2)	NM 70 - 80 / 10 - 12	5,000 m	164	705733
75	400(2)	NM 80 - 100 / 12 - 16	5,000 m	164	705732
50	600(2)	NM 90 - 110 / 14 - 18	5,000 m	164	705731
30	900(3)	NM 120 - 130 / 19 - 21	5,000 m	164	705730



WILDCAT PLUS®

for overlock seams



Material: 100 % polyester
Construction: Textured multifilament
Areas of use: Apparel, Denim, Workwear, Sports & Activewear, Underwear, Home Textiles & Upholstery

Recommended application: Overlock, safety & coverstitch seams

Product benefits:

- + Very soft and dense overedge coverage
- + Soft stitch look
- + High texturized character
- + Needle and looper thread suitability
- + Optimum engineered extension

No./Tkt.	dtex	Needle	Make-up	Colours	Code
160	180(1)	NM 65 - 70 / 9 - 10	10,000 m	164	705752
80	350(2)	NM 70 - 90 / 10 - 14	5,000 m	164	705751
			10,000 m		
40	700(4)	NM 90 - 110 / 14 - 18	5,000 m	164	705750



D-CORE®

for heavy-duty seams

Material: 60 % polyester / 40 % cotton
Construction: Corespun
Areas of use: Apparel, Denim, Workwear, Garment Dyeing

Recommended application: Closing, decorative & overlock seams

Product benefits:

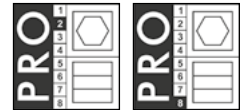
- + Dyed polyester core for better colour coverage during garment dyeing
- + Also suitable for stonewashed treatments
- + Needle and looper thread suitability
- + Soft seams
- + Increased strength due to polyester core

No./Tkt.	dtex	Needle	Make-up*	Colours	Code
120	240(2)	NM 60 - 65 / 8 - 9	5,000 m	20	705845
75	400(2)	NM 80 - 90 / 12 - 14	5,000 m	20	705844
50	600(2)	NM 100 - 110 / 16 - 18	5,000 m	20	705843
36	800(2)	NM 110 - 120 / 18 - 19	5,000 m	20	705842
27	1050(2)	NM 130 - 140 / 21 - 22	5,000 m	20	705841



GÜTERMANN K

for heat resistant seams



- Material:** 100 % meta-aramide / Nomex®
- Construction:** Spun, long fibre
- Areas of use:** Technical Textiles, PPE, Filters
- Recommended application:** Closing, decorative & safety seams
- Product benefits:**
- + Short-term high-temperature-resistant at approx. 360°C
 - + Flame retardant and self-extinguishing
 - + Non-melting
 - + Good resistance to chemicals
 - + Very high tear resistance



	No./Tkt.	dtex	Needle	Make-up	Colours	Code
GÜTERMANN K 403	70	400(3)	NM 90 - 100 / 14 - 16	700 m	24	701319
				5,000 m		
GÜTERMANN K 753	40	750(3)	NM 100 - 110 / 16 - 18	3,000 m	24	701342



ANESAFE®

for heat resistant seams



- Material:** 100 % meta-aramide / Nomex®
- Construction:** Spun, short fibre
- Areas of use:** Technical Textiles, PPE, Filters
- Recommended application:** Closing, decorative & safety seams
- Product benefits:**
- + Short-term high-temperature-resistant at approx. 360°C
 - + Flame retardant and self-extinguishing
 - + Non-melting
 - + Good resistance to chemicals
 - + Very high tear resistance



	No./Tkt.	dtex	Needle	Make-up	Colours	Code
ANESAFE® 120	120	270(2)	NM 80 - 90 / 12 - 14	5,000 m	24	705703
ANESAFE® 75	75	400(3)	NM 90 - 100 / 14 - 16	700 m	24	705714
				5,000 m		
ANESAFE® 50	50	600(3)	NM 100 - 110 / 16 - 18	4,000 m	24	705705
ANESAFE® 36	36	800(3)	NM 110 - 130 / 18 - 21	3,000 m	24	705704



GÜTERMANN K AR

for heat resistant seams

- Material:** 100 % meta-aramide
- Construction:** Spun, Short fibre
- Areas of use:** Technical Textiles, PPE, Filters
- Recommended application:** Closing, decorative & safety seams
- Product benefits:**
- + Short-term high-temperature-resistant at approx. 360°C
 - + Flame retardant and self-extinguishing
 - + Non-melting
 - + Good resistance to chemicals
 - + Very high tear resistance

	No./Tkt.	dtex	Needle	Make-up	Colours	Code
GÜTERMANN K AR 403	70	400(3)	NM 90 - 100 / 14 - 16	5,000 m	14	771685
GÜTERMANN K AR 753	40	750(3)	NM 100 - 110 / 16 - 18	3,000 m	14	777918



GÜTERMANN L

for heat resistant seams

- Material:** 100 % meta-aramide / Nomex®
- Construction:** Continuous filament (L753, L1503)
Continuous filament, outerbonded (L1501)
- Areas of use:** Technical Textiles, PPE, Filters
- Recommended application:** Closing, decorative & safety seams
- Product benefits:**
- + Short-term high-temperature-resistant at approx. 360°C and permanently at 260°C
 - + Flame retardant and self-extinguishing
 - + Very high tear resistance
 - + Good resistance to chemicals

	No./Tkt.	dtex	Needle	Make-up	Colours	Code
GÜTERMANN L 753	40	750(3)	NM 90 - 110 / 14 - 18	400 m	2	701505
				1,200 m		701491
				4,000 m		709328
GÜTERMANN L 1503	20	1500(3)	NM 120 - 140 / 19 - 22	600 m	2	701548
				2,000 m		724475



ANEGUARD USING KEVLAR®

for highly heat-resistant seams

- Material:** 100 % para-aramide / Kevlar®
- Construction:** Spun
- Areas of use:** Technical Textiles, PPE, Filters
- Recommended application:** Closing, decorative & safety seams
- Product benefits:**
- + Good high-temperature resistance, as can withstand short term temperatures of up to approx. 420°C
 - + Flame retardant and self-extinguishing
 - + Non-melting
 - + Good resistance to chemicals
 - + Very high tear resistance

No./Tkt.	dtex	Needle	Make-up	Colours	Code
50	600(3)	NM 110 - 130 / 18 - 21	6,000 yds = 5,486 m	1	705922
36	800(4)	NM 120 - 140 / 19 - 22	6,000 yds = 5,486 m	1	705921
27	1050(4)	NM 130 - 140 / 21 - 22	3,000 yds = 2,743 m	1	705920



ACERO

for highly heat-resistant seams

- Material:** Stainless steel, para-aramide / Kevlar®
- Construction:** Wrapped yarn
- Areas of use:** Technical Textiles, PPE, Filters
- Recommended application:** Closing seams
- Product benefits:**
- + Very high heat resistance up to approx. 700°C under mechanical load and up to approx. 1,000°C without mechanical load
 - + Steel wire core with Kevlar wrapping
 - + Very high tear resistance
 - + Good resistance to chemicals

No./Tkt.	dtex	Needle	Make-up	Colours	Code
30	1040	NM 100 - 140 / 16 - 22	2,500 m	1	733488
15	2100	NM 130 - 150 / 21 - 23	2,500 m	1	733484



ANTISTATIK

for antistatic seams

- Material:** Steel, polyamide 6.6
Construction: Corespun
Areas of use: Technical Textiles, PPE
Recommended application: Closing & decorative seams
Product benefits:
- + Special thread that can meet the requirements of DIN EN ISO 20345 due to its linear resistance
 - + Conductive seams, with low resistance for antistatic effect on protective shoes

	No./Tkt.	dtex	Needle	Make-up	Colours	Code
ANTISTATIK 30/4	30	1000 (4)	NM 130 - 150	3,500 m	2	582093
				7,500 m		582255



ZWIBOND

for particularly robust seams

- Material:** 100 % polyamide 6.6
Construction: Continuous filament, innerbonded
Areas of use: Workwear, Leather & Shoes, Outdoor, PPE
Recommended application: Closing & decorative seams
Product benefits:
- + No untwisting thanks to inner bonding
 - + Reliability on automatic sewing machines
 - + Very high tear resistance
 - + Optimum engineered extension
 - + Suitable for 2-needle applications

No./Tkt.	dtex	Needle	Make-up	Colours	Code
60	500(3)	NM 90 - 100 / 14 - 16	6,000 m	20	713074
40	750(3)	NM 90 - 110 / 14 - 18	4,000 m	20	713066
30	1000(3)	NM 110 - 130 / 18 - 21	3,000 m	20	713058
20	1500(3)	NM 120 - 140 / 19 - 22	2,000 m	20	713040
13	2300(3)	NM 140 - 180 / 22 - 24	1,300 m	20	713031



AMIFIL

for particularly robust seams

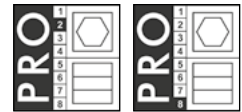
- Material:** 100 % polyamide 6.6
Construction: Continuous filament
Areas of use: Workwear, PPE
Recommended application: Closing & decorative seams
Product benefits:
- + Very high tear resistance
 - + Reliability on automatic sewing machines
 - + Smooth thread surface
 - + Optimum engineered extension
 - + Durable, robust seams

No./Tkt.	dtex	Needle	Make-up	Colours	Code
60	450(3)	NM 90 - 100 / 14 - 16	6,000 m	20	709131
40	700(3)	NM 90 - 110 / 14 - 18	4,000 m	20	709121
30	900(3)	NM 110 - 130 / 18 - 21	6,000 m	20	709111
20	1350(3)	NM 120 - 140 / 19 - 22	2,000 m	20	709101
13	2100(3)	NM 140 - 180 / 22 - 24	1,300 m	20	709090
10	2800(3)	NM 160 - 230 / 23 - 26	1,000 m	20	709080



FILAN

for robust seams in mattresses



- Material:** 100 % polyester
Construction: Continuous filament
Areas of use: Apparel, Denim, Workwear, Leather & Shoes, Home Textiles & Upholstery
Recommended application: Closing & decorative seams
Product benefits:
- + Hard-wearing seams due to tear resistance
 - + Smooth surface finish
 - + Very even
 - + Optimum sewability
 - + Good rub resistance

No./Tkt.	dtex	Needle	Make-up	Colours	Code
80	300(3)	NM 70 - 90 / 10 - 14	15,000 m	118	705632
			27,000 m	118	705630
60	500(3)	NM 90 - 100 / 14 - 16	10,000 m	118	705642
			20,000 m	118	705643
40	700(3)	NM 90 - 110 / 14 - 18	4,000 m	118	705620
			8,000 m	118	705622
30	900(3)	NM 110 - 130 / 18 - 21	3,000 m	118	705610
20	1350(3)	NM 120 - 140 / 19 - 22	600 m	118	705601
			2,000 m	118	705600

Headquarters A&E Gütermann Europe:
Gütermann GmbH
Landstr. 1
79261 Gutach-Breisgau
Germany

☎ +49 76 8121-0
✉ contact@guetermann.com
🌐 Follow us on LinkedIn

guetermann.com

1004288.4225

