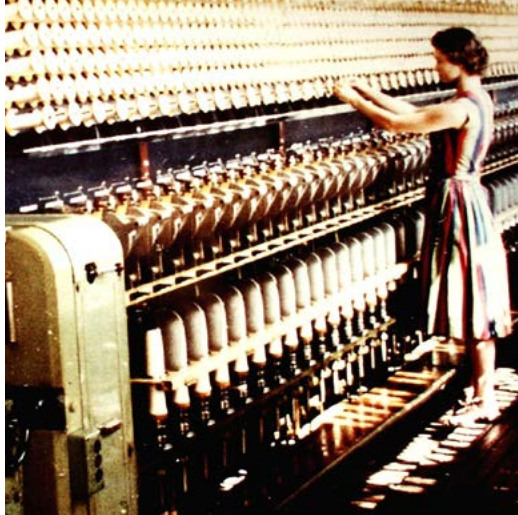




# THREAD GUIDE

Industry





# invention became identity.

**The origin of our many achievements** is the passion and our pioneering spirit. Since its first days our brand is known for creative solutions and products that stand out.



## The perfect thread

### **Thread is the oldest connecting technology in the world.**

The first thing people did to connect things was to tie them together. They used threads made from natural fibres or leather.

For us thread is more than sewing apparel. It is safety, function and aesthetics for any application and material. From silk to cotton – from polyester to steel.

## Bundling of innovative strength

### **Inventions have always been the backbone of our success.**

A keen eye for market requirements, quality and safety standards and the needs of people around the world have led to new solutions. Acquisitions and collaborations have also brought knowledge to the company over time. And last but not least, the people behind the threads. Their enthusiasm and expertise makes the difference.

Today we are a part of Elevate Textiles. A strong alliance of five traditional brands. Together we take textiles to the next level. To ensure our customers are always one step ahead of what's next.

To create the environment for first class products and innovation we continuously invest in infrastructure, technology and production facilities.

## The benchmark: Our customer's needs

### **The perfect thread and product quality for any application.**

From research and development to production – our know-how and high process standards create excellence. Our production sites are equipped with state-of-the-art technology for winding, dying and bonding. All to ensure our customers get the quality and smooth sewing processes they demand.

This is proven, among other things, by the unique Micro Core Technology®. The first core spinning process based on microfilament polyester, manufacturing threads of the highest quality with optimum process reliability. This has opened up new dimensions in the textile industry – a quantum leap in sewing thread production.

## Expertise beyond trends

### **Our know-how comes to the fore when a task goes beyond the norm.**

Special requests such as silicone-free, water-repellent, flame-retardant or UV-resistant sewing threads? No Problem!

Customized developments such as wind turbines, heat protection for tunnel drilling rigs? Always welcome!

From apparel to technical textiles, from mobility to high-tech – we are your reliable partner.

## Know-how

Broad experience in industries such as apparel, leather goods, mobility, interior and outdoor furnishing, technical applications, and many more.

Tasks beyond the norm – take advantage of our development team's expertise for any speciality or innovation.

## Technology

The unique Micro Core Technology® – the first core spinning process based on microfilament polyester.

State-of-the-art winding and bonding technology enables new possibilities like hybrid threads.

Excellent dyes for the highest demands – one of our absolute core competences.

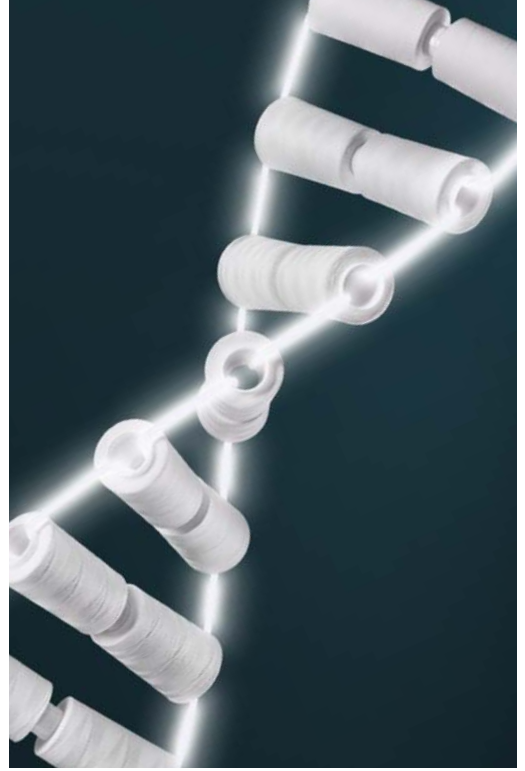
Universal thread lubrication.

## Smart processes

Implementation of self-learning digital processes.

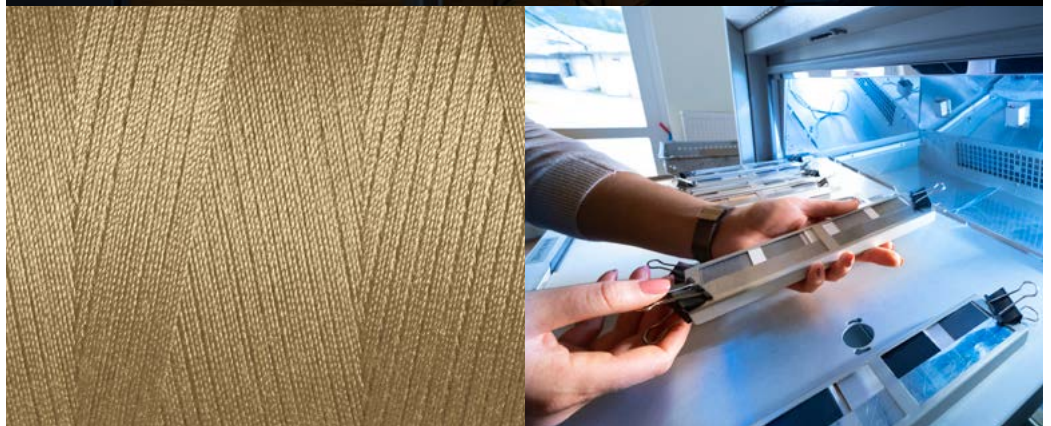
Continuous improvement of quality and efficiency.

Science-based methods to ensure sustainability.



# imagination becomes impact.

**Turning our visions into impressive realities.** That is the mission we follow. Our direction is future. Stepping forward into new ideas and technologies is and has ever been the central part of our company's DNA.



## Expertise means change

### **Innovating sewing thread technologies for the demands to come.**

Developing and implementing new technologies and applications is integral part of our DNA. And so is improving sustainability across our company. Hundreds of employees in Europe and the world step forward into the future with passion and a pioneering spirit.

## Quality at the highest level

### **We place the highest demands on the quality of the resources used and their processing.**

Certified processes form the basis of our quality management system.

The production of our sewing threads and the quality of the materials we use comply with strict European regulations and are continuously improved in terms of sustainability. Our standard is your standard. With our product range we are able to meet a wide variety of requirements. Whether standard, premium, or recycled, we find the right sewing thread and corresponding certificates to fit your needs. This is documented by the DIN EN ISO 9001:2015, DIN EN ISO 50001:2018, IATF 16949:2016, OEKO-TEX® STANDARD 100, REACH, ZDHC, HIGG INDEX and GRS certificates.

## Reliable advice and service

### **Being reliable also means that we are there to support your needs, and we are at your side with advice.**

We have close relationships with our customers not only in Europe, but worldwide. With comprehensive consulting, lean logistics, and fast production, we achieve high delivery reliability and service quality. This is how we make our contribution to a secure supply chain.

## We prefer action to excuses

### **We act responsibly for people, the environment and the economy.**

We support the United Nations SDGs. Therefore, A&E Gütermann is committed to decent and safe working conditions, diversity and equality.

Our actions to achieve our ambitious environmental goals: 5% annual reduction in water usage 2030. Zero waste-to-landfill through 100% recycling and waste reduction. 4,2% year-over-year reduction in scope 1 and 2 emissions. Ongoing development of renewable energy from photovoltaic installations and energy savings through optimisation.

## Quality standards

- DIN EN ISO 9001:2015
- DIN EN ISO 50001:2018
- REACH Compliance
- OEKO-TEX® Standard 100
- GRS Global Recycled Standard
- IATF 16949:2009 (Automotive)

## Service

- Reliable business partnership and delivery.
- Sewing consultancy.
- Special developments like individual colour dyes and others.
- Consistently high quality, even with recycled threads.

## Responsibility

- A strong commitment to decent and safe working conditions.
- Reduction of waste and emissions.
- ZDHC water and wastewater management.
- Support of the Paris Agreement und UN SDGs.
- Sustainable products.

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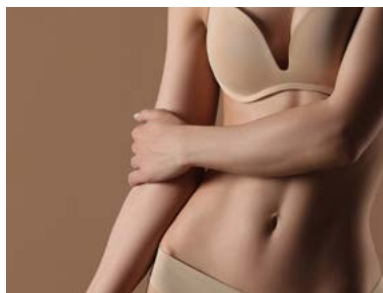
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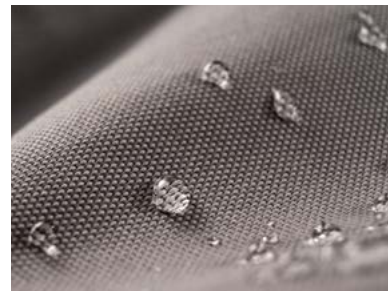
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Tera rPET	13
<b>CORESPUN</b>	
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## 100% POLYETHYLEN-TEREPHTALAT

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### Make-up

-  Crosswinds
-  Cone
-  King spool
-  Flanged spool





The A&E Gütermann colour range



# 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	2300(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



# MARAFLEX

for highly elastic seams

- Material:** 100 % Polybutylenterephthalat (PBT)
- Construction:** Micro Core Technology®
- Areas of use:** Apparel, Sports & Activewear, Underwear
- Recommended application:** Closing & decorative seams
- Product benefits:**
- + Unique MCT® construction
  - + Exceptionally elastic
  - + Brilliant colours with a silky appearance
  - + Increases the elasticity of double stitch seams
  - + No fibre fly

No./Tkt.	dtex	Needle	Make-up	Colours	Code
120	380(2)	NM 70 - 80 / 10 - 12	1,500 m	289	716936
80	550(3)	NM 90 - 100 / 14 - 16	2,000 m	289	716103
50	880(2)	NM 90 - 110 / 14 - 18	3,000 m	289	717142



# 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



# 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



# 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



# CALORA UV

for UV-resistant seams

- Material:** 100 % polyester
- Construction:** Continuous filament
- Areas of use:** Outdoor
- Recommended application:** Closing & decorative seams
- Product benefits:**
- + High tear resistance
  - + Optimal UV resistance
  - + Optimal seawater resistance
  - + Very high colour fastness
  - + Good weather resistance

No./Tkt.	dtex	Needle	Make-up	Colours	Code
40	750(3)	NM 90 - 110 / 14 - 18	4,000 m 	5	583774
30	1000(3)	NM 110 - 130 / 18 - 21	3,000 m 	5	583766
20	1500(3)	NM 120 - 140 / 19 - 22	2,000 m 	5	583758
15	2000(3)	NM 140 - 160 / 22 - 23	1,500 m 	5	583740



# SKALA

for almost invisible seams

- Material:** 100 % polyester
- Construction:** Continuous filament, bonded
- Areas of use:** Apparel, Underwear
- Recommended application:** Overlock, safety, blindstitched seams
- Product benefits:**
- + Optimum colour matching thanks to semi-transparent appearance
  - + Fine thread cross-section for particularly smooth seams
  - + No visible seam marks after ironing
  - + Use of particularly fine needle sizes possible
  - + Very even



No./Tkt.	dtex	Needle	Make-up	Colours	Code
360	80(1)	NM 55 - 60 / 7 - 8	5,000 m	60	749591
			20,000 m	60	704997
240	120(1)	NM 60 - 65 / 8 - 9	5,000 m	60	720763
			10,000 m	60	715174
200	150(1)	NM 60 - 65 / 8 - 9	10,000 m	26	705020



# TERA

for almost invisible seams

- Material:** 100 % polyester
- Construction:** Continuous filament
- Areas of use:** Apparel, Home Textiles & Upholstery
- Recommended application:** Overlock, safety, blindstitched, trimming & padded seams
- Product benefits:**
- + Semi-transparent look for discreet seams with multicoloured fabrics
  - + Fine thread cross-section for particularly smooth seams
  - + Use of particularly fine needle sizes possible
  - + No visible seam marks after ironing
  - + Smooth thread surface



No./Tkt.	dtex	Needle	Make-up	Colours	Code
180	160(2)	NM 65 - 70 / 9 - 10	5,000 m	26	704172
			10,000 m	26	704180
			20,000 m	26	704199







# FILAN

for almost invisible seams

- Material:** 100 % polyester
- Construction:** Continuous filament
- Areas of use:** Apparel, Denim, Workwear, Home Textiles & Upholstery
- Recommended application:** Overlock, blindstitched, trimming & padded seams
- Product benefits:**
- + Semi-transparent look for discreet seams with multicoloured fabrics
  - + Fine thread cross-section for particularly smooth seams
  - + Use of particularly fine needle sizes possible
  - + No visible seam marks after ironing
  - + Smooth thread surface

No./Tkt.	dtex	Needle	Make-up	Colours	Code
300	100(2)	NM 55 - 60 / 7 - 8	5,000 m 	60	705672
			10,000 m 	60	705674



# PERMA CORE® ULTIMATE

for particularly fine seams

- Material:** 100 % polyester
- Construction:** Corespun, compact spun
- Areas of use:** Apparel, Workwear, Sports & Activewear, Underwear
- Recommended application:** Closing, decorative, overlock & safety seams
- Product benefits:**
- + Fine thread cross-section for particularly smooth seams
  - + Pucker-free seams
  - + Excellent performance on automatic sewing machines
  - + Optimum engineered extension
  - + Very even



No./Tkt.	dtex	Needle	Make-up	Colours	Code
180	160(2)	NM 60 - 65 / 8 - 9	1,000 m	408	709010
			5,000 m	408	709011



# 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

\*The colour of the spool depends on the thread count

■ = 120 (5,000 m) ■ = 120 (1,000 m) ■ = 75 ■ = 50 ■ = 36 ■ = 27



# PERMA CORE® ECO100

for 100 % recycled seams

- Material:** 100 % polyester, recycled
- Construction:** Corespun
- Areas of use:** Apparel, Denim, Workwear, Sports & Activewear, 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
  - + Reliability on automatic sewing machines
  - + High rub resistance

No./Tkt.	dtex	Needle	Make-up	Colours	Code
120	240(2)	NM 70 - 80 / 10 - 12	5,000 m	408	708670
75	400(2)	NM 80 - 100 / 14 - 18	5,000 m	408	708660
			10,000 m	408	708661
50	600(2)	NM 90 - 110 / 12 - 16	5,000 m	200	708650
36	800(2)	NM 100 - 120 / 16 - 19	5,000 m	200	708640
			10,000 m	200	708641
27	1050(2)	NM 110 - 130 / 18 - 21	3,000 m	408	708631

\*The colour of the spool depends on the thread count  
 = 120 = 120 = 75 = 50 = 36 = 27



# 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(3)	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

\* The colour of the spool depends on the thread count  
 = 120 = 75 = 50 = 30



# 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	164	705753
40	700(4)	NM 90 - 110 / 14 - 18	5,000 m	164	705750



# GÜTERMANN E

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:**

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



No./Tkt.	dtex	Needle	Make-up	Colours	Code
240	120(1)	NM 60 - 65 / 8 - 9	10,000 m	157	715298
			30,000 m	157	715280
160	190(1)	NM 65 - 70 / 9 - 10	10,000 m	157	715328
			24,000 m	157	715310
80	380(2)	NM 70 - 90 / 10 - 14	6,000 m	157	730815
			12,000 m	157	715301



# PIUMA

for soft seams

- Material:** 100 % polyester
- Construction:** Textured microfibres
- Areas of use:** Apparel, Denim, Workwear, Sports & Activewear, Underwear, Garment Dyeing, Home Textiles & Upholstery
- Recommended application:** Overlock, safety & coverstitch seams
- Product benefits:**
- + Soft seams
  - + Very soft and dense overedge coverage
  - + High texturized character
  - + Needle and looper thread suitability
  - + Optimum engineered extension

No./Tkt.	dtex	Needle	Make-up	Colours	Code
160	190(1)	NM 65 - 70 / 9 - 10	5,000 m	126	711616
140	220(1)	NM 65 - 70 / 9 - 10	5,000 m	126	711004
			10,000 m		



# PRINCESS

for soft seams

- Material:** 100 % polyamide 6.6
- Construction:** Textured microfibres (Princess 80 | 160)  
Continuous filament (Princess 120)
- Areas of use:** Apparel, Sports & Activewear, Underwear, Home Textiles & Upholstery
- Recommended application:** Overlock, safety & coverstitch seams
- Product benefits:**
- + Soft seams
  - + High texturized character
  - + Suitable for garment dyeing
  - + Optimum engineered extension
  - + Use of particularly fine needle sizes possible

No./Tkt.	dtex	Needle	Make-up	Colours	Code
160	180(1)	NM 65 - 70 / 9 - 10	5,000 m	111	713368
			10,000 m		
120	250(3)	NM 70 - 80 / 10 - 12	5,000 m	111	713244
80	380(1)	NM 70 - 90 / 10 - 14	5,000 m	111	713422



# LYOCELL

for garment dyeing

- Material:** 100 % Tencel®  
**Construction:** Spun  
**Areas of use:** Garment Dyeing, Home Textiles & Upholstery  
**Recommended application:** Closing, decorative & overlock seams  
**Product benefits:**
- + Suitable for garment dyeing
  - + Soft seams
  - + Biodegradable
  - + Optimum engineered extension

No./Tkt.	dtex	Needle	Make-up	Colours	Code
120	250(2)	NM 70 - 80 / 10 - 12	5,000 m	1	748900
70	400(3)	NM 90 - 100 / 14 - 16	5,000 m	1	748897



# ANECOT® PLUS

for loaded seams in garment dyeing

- Material:** 100 % cotton  
**Construction:** Spun, long fibre  
**Areas of use:** Denim, Garment Dyeing, Home Textiles & Upholstery  
**Recommended application:** Closing, decorative & overlock seams  
**Product benefits:**
- + Combed, gassed and mercerised cotton
  - + Brilliant colours
  - + Soft seams
  - + Suitable for garment dyeing
  - + Optimum engineered extension

No./Tkt.	dtex	Needle	Make-up	Colours	Code
90	350(3)	NM 80 - 90 / 12 - 14	10,000 m	1	705804
50	600(3)	NM 90 - 110 / 14 - 18	5,000 m	1	705803
40	750(3)	NM 110 - 120 / 18 - 19	5,000 m	1	705802
25	1100(3)	NM 120 - 140 / 19 - 22	3,000 m	1	705801
18	1500(4)	NM 140 - 160 / 22 - 23	2,000 m	1	705800



# 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

\* The colour of the spool depends on the thread count

■ = 120 ■ = 75 □ = 50 ■ = 36 ■ = 27



# D-CORE® RFD

for garment dyeing

- Material:** 40 % polyester / 60 % cotton
- Construction:** Corespun
- Areas of use:** Denim, Garment Dyeing
- Recommended application:** Closing, decorative & overlock seams
- Product benefits:**
- + Optimal for Ready for Dyeing, as dyed polyester core for better colour coverage
  - + Good for downstream washdown or stonewashed treatments
  - + Needle and looper thread suitability
  - + Soft seams
  - + Optimum engineered extension

No./Tkt.	dtex	Needle	Make-up	Colours	Code
75	400(2)	NM 90 - 110 / 14 - 18	5,000 m	3	705864
50	600(2)	NM 100 - 110 / 16 - 18	5,000 m	3	705863
36	800(2)	NM 110 - 120 / 18 - 19	3,000 m	3	705862



# 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



# ANEFIL NYLON BONDED

for particularly robust seams

- Material:** 100 % polyamide 6.6
- Construction:** Continuous filament, outerbonded
- Areas of use:** Workwear, Leather & Shoes, Home Textiles & Upholstery
- Recommended application:** Closing & decorative seams
- Product benefits:**
- + Increased tear resistance for optimal seam strength
  - + Very high reliability on automatic sewing machines (multi-directional)
  - + High seam strength
  - + Optimum sewability
  - + Optimum engineered extension

No./Tkt.	dtex	Needle	Make-up	Colours	Code
60	450(2)	NM 90 - 100 / 14 - 16	4,500 m	*	709021
40	700(3)	NM 90 - 100 / 14 - 18	3,000 m	*	709022
20	1350(3)	NM 120 - 140 / 19 - 22	4,100 m	*	709028

\* On request









# SOLBOND

for UV-resistant seams

- Material:** 100 % polyester  
**Construction:** Continuous filament, outerbonded  
**Areas of use:** Outdoor  
**Recommended application:** Closing & decorative seams  
**Product benefits:**
- + High tear resistance
  - + Very high rub resistance
  - + Optimal UV resistance
  - + Optimal seawater resistance
  - + Very high colour fastness







No./Tkt.	dtex	Needle	Make-up	Colours	Code
40	750(3)	NM 90 - 110 / 14 - 18	3,000 m 	5	583588
30	1000(3)	NM 110 - 130 / 18 - 21	2,500 m 	5	583570
20	1500(3)	NM 120 - 160 / 19 - 23	1,500 m 	5	583561
10	2500(3)	NM 160 - 230 / 23 - 26	1,000 m 	5	583553



# SUNSTOP®

for UV-resistant seams

- Material:** 100 % polyester  
**Construction:** Continuous filament, outerbonded  
**Areas of use:** Outdoor  
**Recommended application:** Closing & decorative seams  
**Product benefits:**
- + High tear resistance
  - + Very high rub resistance
  - + Optimal UV resistance
  - + Optimal seawater resistance
  - + Very high colour fastness

No./Tkt.	dtex	Needle	Make-up	Colours	Code
40	700(3)	NM 90 - 110 / 14 - 18	3,270 yds  = 2,990 m	16	709170
30	900(3)	NM 110 - 130 / 18 - 21	2,100 yds  = 1,920 m	16	709171
			4,200 yds  = 3,840 m	16	709175
20	1350(3)	NM 120 - 140 / 19 - 22	1,350 yds  = 1,234 m	16	709172
			2,700 yds  = 2,468 m	16	709176
15	2100(3)	NM 140 - 160 / 22 - 23	1,900 yds  = 1,737 m	16	709173



# ANEFIL™ REFLECTOR

for reflective visibility

- Material:** 70 % reflective silk / 30 % polyester  
**Construction:** Corespun  
**Areas of use:** Sports & Activewear, Workwear  
**Recommended application:** Decorative, overlock, safety & coverstitch seams, special sewing machines with cover thread or additional thread  
**Product benefits:**
- + Special thread for reflective seams
  - + Can be used as a visible arranging thread
  - + Can be used as edge binding



No./Tkt.	dtex	Needle	Make-up	Colours	Code
50	600	NM 75 - 90 / 11-14	350 yds =  320 m	1	709156
25	1200	NM 120 - 130 / 19 - 21	1.250 yds  = 1.143 m	1	709197



# ELASTIC

for smocking seams

- Material:** 64 % polyester / 36 % polyurethane  
**Construction:** Wrapped yarn  
**Areas of use:** Apparel  
**Recommended application:** Special sewing machines with cover thread or additional thread  
**Product benefits:**
- + Special thread with exceptional elasticity for smocking effects
  - + Uniform wrapping of the elastic core thread



No./Tkt.	dtex	Needle	Make-up	Colours	Code
25	1300	NM 100 - 110 / 16 - 18	1,000 m	12	724017
15	1900	NM 100 - 130 / 16 - 21	1,000 m	12	784419



# ANELOCK

for additional safety

- Material:** 100 % fusible polyamide  
**Construction:** Multifilament  
**Areas of use:** Apparel, Denim, Workwear  
**Recommended application:** Blindstitched seams  
**Product benefits:**
- + Special sewing thread made of meltable nylon
  - + Melts when ironed
  - + Suitable for blind stitch seams for permanently fixing hems
  - + Fine thread cross-section




No./Tkt.	dtex	Needle	Make-up	Colours	Code
85	350	NM 70 - 80 / 10 - 12	3,000 m	2	709150



# ANEBRAID

for striking decorative seams

- Material:** 100 % polyester
- Construction:** Continuous filament, braided
- Areas of use:** Leather & Shoes, Home Textiles & Upholstery
- Recommended application:** Closing & decorative seams, special sewing machines with cover thread or additional thread
- Product benefits:**
- + Can be used as needle thread and gimp threads
  - + Very high tear resistance
  - + High rub resistance
  - + Brilliant appearance

Ø	dtex	Needle	Make-up	Colours	Code
1,0	4900	NM 200 - 230 / 25 - 26	800 m 	30	709032



# GÜTERMANN K

for heat resistant seams

- Material:** 100 % 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
70	400(3)	NM 90 - 100 / 14 - 16	700 m	24	701319
			5,000 m	24	701299
40	750(3)	NM 100 - 110 / 16 - 18	3,000 m	24	701342



# ANESAFE®

for heat resistant seams

- Material:** 100 % 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
120	270(2)	NM 80 - 90 / 12 - 14	5,000 m	24	705703
75	400(3)	NM 90 - 100 / 14 - 16	700 m	24	705714
			5,000 m	24	705702
50	600(3)	NM 100 - 110 / 16 - 18	4,000 m	24	705705
36	800(3)	NM 110 - 130 / 18 - 21	3,000 m	24	705704



# GÜTERMANN KAR

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
70	400(3)	NM 90 - 100 / 14 - 16	5,000 m	14	771685
40	750(3)	NM 100 - 110 / 16 - 18	3,000 m	14	777918



# GÜTERMANN L

for heat resistant seams

- Material:** 100 % Nomex®
- Construction:** Continuous filament
- 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
40	750(3)	NM 90 - 110 / 14 - 18	400 m	10	701505
			1,200 m	10	701491
			4,000 m	10	709328
20	1500(3)	NM 120 - 140 / 19 - 22	600 m	10	701548
			2,000 m	10	724475
20	1500(1)	NM 120 - 140 / 19 - 22	600 m	2	703443
			2,000 m	2	703427



# ANEGUARD USING KEVLAR®

for highly heat-resistant seams

- Material:** 100 % para-aramide / Kevlar®
- Construction:** Corespun
- 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. 449°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:** Umwindegarn
- 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
30	1000 (4)	NM 130 - 150	3,500 m 	2	582093
			7,500 m 	2	582255



# POLYPROPYLEN SF

for acid and lye resistant seams

- Material:** 100 % polypropylene
- Construction:** Continuous filament, silicon-free
- Areas of use:** Technical Textiles, Filters
- Recommended application:** Closing seams
- Product benefits:**
  - + Excellent resistance to chemicals
  - + High moisture resistance
  - + Silicone-free special thread for the filter industry



No./Tkt.	dtex	Needle	Make-up	Colours	Code
40	750(2)	NM 90 - 110 / 14 - 18	4,000 m	1	711632
30	1050(3)	NM 110 - 130 / 18 - 21	2,500 m	1	585157



# POLY/POLY SF

for silicone-free seams

- Material:** 100 % polyester
- Construction:** Corespun, silikonfrei
- Areas of use:** Technical Textiles, Filters
- Recommended application:** Closing seams
- Product benefits:**
  - + Excellent resistance to chemicals
  - + High moisture resistance
  - + Special thread for the filter industry



No./Tkt.	dtex	Needle	Make-up	Colours	Code
80	400(2)	NM 80 - 100 / 12 - 16	33,000 m	1	585263



# POLYACRYL-DOLANIT®

for dry heat-resistant seams

- Material:** 100 % polyacryl
- Construction:** Spinnfaser, Spun
- Areas of use:** Filters, Technical Textiles
- Recommended application:** Closing seams
- Product benefits:**
  - + Good dry heat resistance
  - + Good resistance to chemicals
  - + Special thread for the filter industry
  - + Good hydrolysis resistance



No./Tkt.	dtex	Needle	Make-up	Colours	Code
30	1000(3)	NM 110 - 130 / 18 - 21	3,000 m	1	748889
			6,000 m		777986






# PTFE

for UV-resistant seams

- Material:** 100 % polytetrafluorethylene (PTFE)  
**Construction:** Continuous filament  
**Areas of use:** Technical Textiles, Filters, Outdoor  
**Recommended application:** Closing seams  
**Product benefits:**
- + Very high tear resistance
  - + Very good heat resistance, short-term up to 300°C, permanent up to 250°C
  - + Good resistance to chemicals
  - + Optimal UV resistance
  - + Very high rub resistance

No./Tkt.	dtex	Needle	Make-up	Colours	Code
30	1300(3)	NM 90 - 110 / 14 - 18	4,200 m 	9	724831



# COCOON BOBBINS PERMA CORE®

looper thread for quilting machines

- Material:** 100 % polyester  
**Construction:** Corespun  
**Areas of use:** Home Textiles & Upholstery  
**Recommended application:** Closing & decorative seams  
**Product benefits:**
- + Looper thread suitability
  - + Durable, robust seams
  - + High tear resistance
  - + Very even

No./Tkt.	dtex	Style	Make-up	Colours	Code
120	240(2)	11	200 m	1	705569
120	240(2)	10 W	185 m	1	705566
75	400(2)	10 W	130 m	1	705565



# COCOON BOBBINS FILAN

looper thread for quilting machines

- Material:** 100 % polyester  
**Construction:** Continuous filament  
**Areas of use:** Home Textiles & Upholstery  
**Recommended application:** Closing & decorative seams  
**Product benefits:**
- + Looper thread suitability
  - + Durable, robust seams
  - + High tear resistance
  - + Very even

No./Tkt.	dtex	Style	Make-up	Colours	Code
180	160(2)	10 W	290 m	1	705570
120	240(3)	10 W	190 m	1	705571



Heritage – Invention became identity

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