



Tera

The experts choice for particularly durable seams

In counts 5 | 8 | 10 | 15 | 20



The Tera threads in continuous filament polyester have excellent breaking strength and abrasion resistance. They are therefore the optimal solution for holding seams that need to be hardwearing and ornamental seams on leather products, belts, tarpaulins and for many other applications.

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Tera 5 | 8 | 10 | 15 | 20

100 % Polyester – Continuous Filament Polyester

	Tera 5	Tera 8	Tera 10
Applications	Belts for lifting, carrying, fastening, shoes, suitcases, mending, leather products, upholstery.	Belts for lifting, carrying, fastening, large tarpaulins, shoes, suitcases, mending leather, upholstery.	For distinctive decorative seams as well as heavy-duty holding seams, equipment, technical articles.
Advantages	High breaking strength and abrasion resistance ensure excellent seam strength. Ideal sewing properties. Pearl-like look in ornamental seams.		Ideal sewability. High breaking strength and good abrasion resistance for durable seams.
Make-up			
Size	150 m, 500 m	240 m, 800 m	300 m, 1.000 m
Shade range	Gütermann Tera shade card		
Needle size	NM 250 – 300 / 27 – 29	NM 200 – 250 / 25 – 27	NM 160 – 230 / 23 – 26
Technology			
Count	No./Tkt. 5 – dtex 6.000(3) – tex 600	No./Tkt. 8 – dtex 3.750(3) – tex 375	No./Tkt. 10 – dtex 2.900(3) – tex 290
Breaking strength	> 25.500 cN	> 22.800 cN	> 14.000 cN
Breaking extension	> 16 %	> 16 %	> 16 %
Fastness			
Fastness to water in accordance with DIN 54006	4 and better		
Fastness to perspiration in accordance with DIN 54020	4 and better		
Fastness to rubbing in accordance with DIN 54021	4 and better		
Fastness to organic solvents in accordance with DIN 54023	4 and better		

	Tera 15	Tera 20
Applications	For distinctive decorative seams as well as heavy-duty holding seams, equipment, technical articles. Leather articles.	
Advantages	Ideal sewability. High breaking strength and good abrasion resistance for durable seams.	
Make-up		
Size	400 m	200 m, 600 m, 2.000 m
Shade range	Gütermann Tera shade card	
Needle size	NM 140 – 160 / 22 – 23	NM 120 – 140 / 19 – 22
Technology		
Count	No./Tkt. 15 – dtex 2.000(3) – tex 200	No./Tkt. 20 – dtex 1.500(3) – tex 150
Breaking strength	> 12.430 cN	> 7.700 cN
Breaking extension	> 16 %	> 16 %
Fastness		
Fastness to water in accordance with DIN 54006	4 and better	
Fastness to perspiration in accordance with DIN 54020	4 and better	
Fastness to rubbing in accordance with DIN 54021	4 and better	
Fastness to organic solvents in accordance with DIN 54023	4 and better	
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