



TERA 40 | 60 | 80

100 % Полиэстер Бесконечное волокно



Нитки Тера из длинноволокнистого полиэстера обладают высокой разрывной нагрузкой и устойчивостью к трению. Поэтому они - оптимальный выбор для износостойких закрепляющих швов и декоративных швов на кожаных изделиях, ремнях, брезенте и др.

	Tera 40	Tera 60	Tera 80
Applications	For sport and casual shoes. For technical sectors, equipment, leather goods and leisurewear. For quilting of „stone-washed“ applications.	All-purpose sewing thread for shoes for women and men. Equipment of technical sectors. Leather goods.	For elegant lady shoes with discreet ornamental seams, straight stitch seams. For neoprene clothing e.g. surfing or swimming suits, leather goods. Quilting on leather. Outdoor clothing.
Advantages	Ideal sewability. Very high tensile strength and wear resistance for durable seams.	Ideal sewability. Very high tensile strength and wear resistance for durable seams. This thread can be handled with thin needles without deflection of the needle.	Ideal sewability, adhesion abrasive equipment. No danger of perforating the leather even in case of high stitch density. This thread can be handled with thin needles without deflection of the needle. Despite to very thin needles, a very high seam resistance is possible.
Make-up			
Size	1.200 m, 4.000 m (400 m = the make-up Miniking is available on customer request)	1.800 m, 6.000 m (600 m = the make-up Miniking is available on customer request)	2.400 m, 8.000 m (800 m = the make-up Miniking is available on customer request)
Shade range	Shade card Gütermann Tera		
Needle size	NM 90 – 110 / 14 – 18	NM 90 – 100 / 14 – 16	NM 70 – 90 / 10 – 14
Technology			
Count	No./Tkt. 40 – dtex 750(3) – tex 75	No./Tkt. 60 – dtex 500(3) – tex 50	No./Tkt. 80 – dtex 350(3) – tex 35
Breaking strength	> 4.100 cN	> 2.950 cN	> 2.050 cN
Elongation	Ø 16 % (13 % – 19 %)	Ø 17 % (14 % – 20 %)	Ø 14 % (10 % – 18 %)
Boiling shrinkage (30 min.)	< 2 %	< 2 %	< 2 %
Thermal shrinkage (160 °C/30 min.)	< 3 %	< 3 %	< 3 %
Wash fastness			
Wash fastness	in accordance with ISO 105 C03 – grade 4 or better		
Water fastness	in accordance with ISO 105 E01 – grade 4 or better		
Rub fastness	in accordance with ISO 105 X12 – grade 4 or better		
Hypochlorite fastness	in accordance with ISO 105 N01 – grade 4 or better		
Dry cleaning fastness	in accordance with ISO 105 D01 – grade 4 or better		
Perspiration fastness	in accordance with ISO 105 E04 – grade 4 or better		
Light fastness	in accordance with ISO 105 B02 – grade 4 or better		
Care instructions			

The seam competence since 1864.

 **Gütermann**

www.guetermann.com

Headquarters: Gütermann GmbH	79261 Gutach-Breisgau, Germany	Tel.: +49 7681 21-0	Fax: +49 7681 21-449
Gütermann India Pvt. Ltd.	Gurgaon 122001, India	Tel.: +91 124 3295569	Fax: +91 124 4140721
Gütermann Polygal Mexicana S.A. de C.V.	MX-Jiutepec, Morelos CP 62500	Tel.: +52 777 32937-00	Fax: +52 777 32937-22
Gütermann of America Inc.	US-Charlotte, NC 28217	Tel.: +1 704 52570-68	Fax: +1 704 52570-71