



Only a thread?



Mara 70

For ornamental seams and eyelet buttonholes



The special Mara sewing threads are absolutely reliable in automatic sewing. They feature an excellent tensile strength, wear resistance and are of the highest regularity – it is made for the most beautiful seams.

Seam competence since 1864.

Gütermann

Mara 70

Micro Core Technology®

Mara 70	
Applications	
Special sewing thread for sports and casual wear, jeans and visible seams like hand-sewn effect buttonholes, gymps and rustic ornamental seams. Also for use in leather goods, shoes.	
Advantages	
High tensile strength and wear resistance for durable and tough seams. No fibre fly and no abrasion. Convincing an even and visual appearance through innovative producing technology.	
Make-up	
Size	700 m, 7.000 m
Shade range	Mara shade card
Needle size	NM 90 – 100 / 14 – 16
Technology	
Count	No./Tkt. 70 – dtex 400(3) – tex 40
Breaking strength	> 1.900 cN
Elongation	Ø 17 % (16 % – 19 %)
Boiling shrinkage (30 min.)	< 1,5 %
Thermal shrinkage (160°C/30 min.)	< 2 %
Fastnesses	
Wash fastness	in accordance with ISO 105 C03 – grade 4 and better
Water fastness	in accordance with ISO 105 E01 – grade 4 and better
Rub fastness	in accordance with ISO 105 X12 – grade 4 and better
Hypochlorite fastness	in accordance with ISO 105 N01 – grade 4 and better
Dry cleaning fastness	in accordance with ISO 105 D01 – grade 4 and better
Perspiration fastness	in accordance with ISO 105 E04 – grade 4 and better
Light fastness	in accordance with ISO 105 B02 – grade 4 and better
Care instructions	
    	
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