



GÜTERMANN K

Material: 100 % meta-aramide / Nomex®
Thread construction: Spun, long fibre

No./Tkt.

Gütermann K 403

Gütermann K 753

Applications

For seams requiring a high degree of heat resistance for protective clothing of firefighters, metal-processing industries, foundries as well as for battle dresses, canvas covers and equipments.

Advantages

Special threads made of NOMEX®. Withstands temperatures of up to approx. 360 °C for short periods, not melting. Self-extinguishing. Good chemical resistance against low-strength acids and alkalines. Gütermann K is a long staple spun sewing thread. The benefits of the long staple spinning technique are uniformity and high breaking strength. Another special feature is the thread's sheen which is superior to short staple spun thread.

Make-up

Size	700 m 5.000 m	3.000 m
Article code	701319 701299	701342
Shade range	Shade card Spun Aramid	
Needle size	NM 90 - 100 / 14 - 16	NM 100 - 110 / 14 - 18

Technology

Count	No./Tkt. 70 - dtex 400(3) - tex 40	No./Tkt. 40 - dtex 750(3) - tex 75
Breaking strength	> 1.520 cN	> 2.500 cN
Elongation	Ø 21 % (19 % - 23 %)	Ø 22 % (19 % - 25 %)
Boiling shrinkage (30 min.)	< 1 %	< 1 %
Thermal shrinkage (160 °C/30 min.)	< 1 %	< 1 %

Fastnesses

Wash fastness	in accordance with ISO 105 C10 C	1 — 2 — grade 3 or better —————→
Water fastness	in accordance with ISO 105 E01	1 — 2 — grade 3 or better —————→
Rub fastness	in accordance with ISO 105 X12	1 — 2 — grade 3 or better —————→
Hypochlorite fastness	in accordance with DIN EN 20105 - N01	1 — 2 — grade 3 or better —————→
Dry cleaning fastness	in accordance with ISO 105 D01	1 — 2 — grade 3 or better —————→
Perspiration fastness	in accordance with ISO 105 E04	1 — 2 — grade 3 or better —————→
Light fastness	in accordance with ISO 105 B02	1 — 2 — grade 2 - 3 or better —————→

Care instructions



Please note: The indicated technical information is based on average values and should only serve as a point of reference.