

MADEIRA

Technical Datasheet

05.2022

FS No. 30

Article Description	Metallised Embroidery Thread
Composition	55% polyester, 45% metallised polyester
Count	dtex 320 / den 290
Make up available	5000 m & 2500 m cones
Recommended needle size	90/14 - 80/12 (special needle with a large eye size 90)

Fastness rating | Scale from 1 (worst) to 5 (best)

Fastness to washing (at 95 °C)	DIN EN ISO 105-C04/M & S C4A	4 - 5
Fastness to water (4 hrs at 37 °C)	DIN EN ISO 105-E01/M & S C6	4 - 5
Fastness to rubbing dry (10 x rubs on dry white fabric)	DIN EN ISO 105-X12 / M & S C8	4
Fastness to rubbing wet (10 x rubs on wet white fabric)	DIN EN ISO 105-X12 / M & S C8	3 - 4
Fastness to dry cleaning	DIN EN ISO 105-D01	4 - 5
Fastness to bleaching with hypochlorite	DIN EN ISO 105-N01	4 - 5

Fastness rating | Scale from 1 (worst) to 8 (best)

Fastness to light from xenon arc lamp (100 hrs)	DIN EN ISO 105-B02	3 - 4
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Due to the dyes, this rating cannot be achieved for all colours.

Mechanical-technological values

Single-end breaking force (tensile force until the thread breaks)	DIN EN ISO 2062	ca. 700 cN
Elongation at break	DIN EN ISO 2062	ca. 35 %

Special note:

All FS 30 thread shades are resistant to oxidation.

Recommendations for care



△ max. 20 g/l active chlorine - max. 30 °C - max. 30 min

Shade card no.

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Certification

STANDARD 100 by OEKO-TEX®, Annex 4, product class II



To improve this product Madeira reserves the right to alter the specifications or modify the appearance of products without notice. Information and technical data in this document are guidelines and no warranted characteristics. Small variations due to production process are possible.

MADEIRA Garnfabrik
Rudolf Schmidt KG

Zinkmattenstraße 38
D-79108 Freiburg

Tel.: +49 (0) 761 – 51 04 00
E-Mail: service@madeira.de

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