

# MADEIRA

## Technical Datasheet

03.2022

### FS No. 50

Article Description	Metallised Embroidery Thread
Composition	55% metallised polyester, 45% polyamide
Count	dtex 150 / den 135
Make Up Available	5000 m cone & 1000 m spool
Recommended needle size	65/9 – 75/11

#### Fastness Rating | Scale from 1 (worst) to 5 (best)

Fastness to washing (at 60 °C)	DIN EN ISO 105-C03/M & S C4A	4-5
Fastness to water (damp for 4hrs 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	3 gold tones 4 silver tones
Fastness to rubbing wet (10 x rubs on wet white fabric)	DIN EN ISO 105-X12/M & S C8	3 gold tones 4 silver tones
Fastness to dry cleaning	DIN EN ISO 105-D01	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	5-6
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Due to the used dye chemicals this rating cannot be achieved for all colors.

#### Mechanical – Technological Values

Tensile Strength cN (force until the thread breaks, in Centinewton)	DIN EN ISO 2062	ca. 490
Elongation (% of stretch extension with weight tension until it breaks)	DIN EN ISO 2062	ca. 40%

#### Special note:

Please note that the colors 5002, 5003, 5005, 5006, 5007 and 5010 might oxidize.  
All other FS 50 thread shades are resistant to oxidation.

#### Recommendations for care



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.

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