

# MADEIRA

## Technical Datasheet

09.09.2019

### FS No.20

Article Description	Machine Embroidery Thread
Composition	80% viscose, 20% metallised polyester
Count	dtex 360 / den 320
Make Up Available	20g spool; 100g cone
Recommended needle size	100/16

#### Fastness Rating – Scale 1 (worst) – 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 rubs on dry white Fabric)	DIN EN ISO 105-X12/M & S C8	4
Fastness to rubbing wet (10 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 Rating – Scale 1 (worst) – 8 (best)

Fastness to light (100hrs xenon light)	DIN EN ISO 105-B02	5-6
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Due to different dye stuffs not applicable to all colors.

#### Mechanical – Technological Values

Tensile Strength cN (force until thread breaks, in Centinewton)	DIN EN ISO 2062	ca.540cN
Elongation (% of stretch extension with weight tension until breaks)		ca.14%

#### Special note:

All colors of the FS 20 range are resistant to oxidation.

#### Recommendations for care



Color Card No.

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Oeko-Tex



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