

FS No. 30

Last updated: 04.2024

Article description	Metallised embroidery thread
Composition	55% polyester; 45% metallised polyester
Count	dtex 320 / den 290
Make up available	5000 m cone; 2500 m cone
Recommended needle size	90/14 SAN8 80/12 (for fine fabrics: thin needle with large eye)

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 (damp for 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. 720 cN
Elongation at break	DIN EN ISO 2062	ca. 45 %

Special note:

All FS 30 thread shades are resistant to oxidation.

Care instructions



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

Certificates



STANDARD 100

95.0.4921 Hohenstein

OEKO-TEX® STANDARD 100 Annex 4, product class II (products with direct contact to skin)

All FS No. 30 colours, excepting 3012:

Note:
The colour 3012 **is not** certified with OEKO-TEX® STANDARD 100.

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.

