

# Supertwist No. 30

Last updated: 10.2025

Article description	Machine embroidery thread
Composition	70% polyamide; 30% metallised polyester
Count	approx. dtex 180 / den 160
Make up available	5000 m cone; 1000 m spool opal colours 20 g (ca. 900 m) spool
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 60 °C)	DIN EN ISO 105-C06/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	3

Due to the used dye chemicals this rating cannot be achieved for all colours.

Fastness to rubbing wet (10 x rubs on wet white fabric)	DIN EN ISO 105-X12 / M & S C8	3
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Due to the used dye chemicals this rating cannot be achieved for all colours.

Fastness to dry cleaning	DIN EN ISO 105-D01	4
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## 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. 480 cN
Elongation at break	DIN EN ISO 2062	ca. 30 %
Shrinkage in boiling water	DIN 53866 T2	< 1 %
Special note regarding the oxidation	All colours are resistant to oxidation.	

## Care instructions



## Certificates



STANDARD  
100  
95.0.4921  
Hohenstein

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

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