

Polyocean

Last updated: 10.2025

Article description	Machine embroidery thread
Composition	100% polyester [recycled polyester]
Count	dtex 120 x 2 / den 110 x 2
Make up available	1000 m spool
Recommended needle size	60/8 – 75/11

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	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
Determination of the colour fastness of articles for common use	Part 1: Test with artificial saliva DIN 53160-1	4 – 5
	Part 2: Test with artificial sweat DIN 53160-2	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
---	--------------------	-------

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. 930 cN
Elongation at break	DIN EN ISO 2062	ca. 30 %
Shrinkage in boiling water	DIN 53866 T2	2 %

Care instructions



Certificates

 <p>STANDARD 100 21.0.57435 Hohenstein</p> <p>OEKO-TEX® STANDARD 100 Annex 6, product class I (products for babies and toddlers)</p>	 <p>100 % GRS recycled polyester Certified by ECOCERT Greenlife, Licence number 240979 Learn more at TextileExchange.org/Standards</p>
--	--

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.

Threads | Stabilisers | Accessories

