

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
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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. 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>
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Threads | Stabilisers | Accessories

