



100% MATTE POLYESTER EMBROIDERY THREAD

Duramatt®

DURAK Duramatt® is a 100% matte polyester embroidery thread with high light fastness. It does not fade easily and provides long-lasting colors. For this reason, it is especially recommended for applications exposed to sunlight for long periods. Thanks to its special finishing processes that enhance embroidery performance, regular structure, high light fastness and matte colors, DURAK Duramatt® creates a distinctive appearance. It is resistant to washing and dry cleaning. DURAK Duramatt® threads increase production efficiency by improving color harmony and embroidery quality in your products.



Product Properties

- Matte appearance
- High tenacity
- Increases production efficiency
- Provides high color fastness and abrasion resistance

Duramatt®

Areas of Use

- Ready-made garments
- Hand embroidery
- Decorative applications
- Shoes
- Bags
- Home Textile

Physical Properties

Melts at 260°C and softens at 220 - 240°C.

Shrinkage is less than 1% at 150°C.

Chemical Properties

Mineral acids: Resistant to most mineral acids.

Alkalis: Unaffected by weak alkalis, moderately resistant to strong alkalis.

Organic solvents: Unaffected by common solvents, soluble in some phenolic compounds.

Bleaching: Unaffected.

Microorganisms (Mildew/Rot): Unaffected.

Washing / Dry Cleaning: Unaffected.

Moisture regain: 0.4%



Product Options

Durak Duramatt® is offered a wide color range with a suitable thickness (tkl.50) for embroidery applications.

Color Fastness

Washing fastness at 60°C	ISO 105 C06	Min. 4
Water fastness	ISO 105 E01	Min. 4
Rubbing fastness	ISO 105 X12	Min. 4
Hypochlorite fastness	ISO 105 N01	Min. 4
Dry cleaning fastness	ISO 105 D01	Min. 4
Perspiration fastness	ISO 105 E04	Min. 4
Artificial light fastness	ISO 105 B02	Min. 6-8

Storage Conditions

Must be stored away from heat, humidity and direct sunlight.





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Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
50	15	700	20 - 30	60 - 75

