



100% TEXTURIZED POLYESTER SEWING THREAD

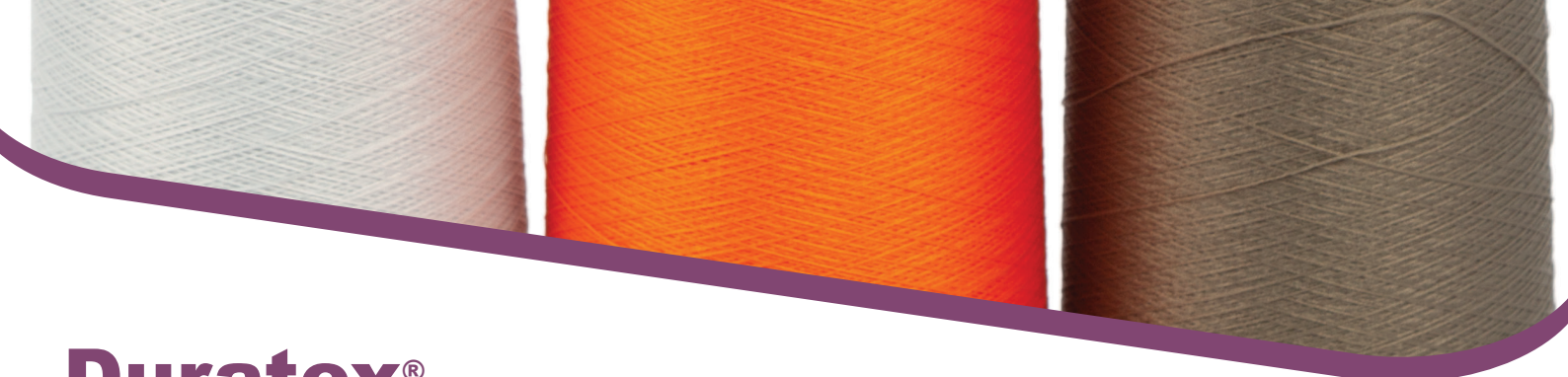
Duratex®

DURAK Duratex® is a high-tenacity texturized polyester sewing thread. Its special finishing processes enhance sewing performance, ensuring reliable and attractive stitching in applications that require volume and flexibility, thanks to its bulky structure, high elasticity, and low tensile values. It also performs excellently as a bottom thread in overlock seams and lockstitch. With 4 different thickness options and 300 colors in the shade card, DURAK Duratex® improves color harmony and sewing quality, increasing your production efficiency.



Product Properties

- Durak Duratex® is a highly elastic and voluminous sewing thread.
- Suitable for products that require elasticity; covers stitches perfectly due to its voluminous structure.
- Prevents shrinkage after washing with its low shrinkage values.
- Color fastness that can withstand the most challenging washing conditions.
- Improves stitch quality thanks to its flawless surface and special finishing processes.
- Ideal sewing thread for denim production.
- Provides a voluminous look on overlock seam.



Duratex®

Areas of Use

- Swimwear
- Home Textiles
- Sportswear
- T-shirt
- Mattresses
- Shirt
- Babywear
- Broidery
- Woven Outerwear

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 Duratex® offers a wide range of colors in a variety of meter sizes and thicknesses.

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. 5

Storage Conditions

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



Duratex®

Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
40	60	2.800	24 - 32	100 - 125
90	33	1.250	20 - 32	80 - 100
180	17	700	20 - 32	70 - 90
240	10	500	20 - 32	70 - 80



Other Duratex Sub-Brands

Duratex UV®

100% texturized polyester sewing thread with UV resistance. Duratex UV® minimizes UV degradation such as discoloration, low abrasion resistance and loss of tenacity.

Duratex OS®

100% texturized polyester sewing thread with special finishing processes in order to provide high sewing performance in the most challenging conditions. A controlled lubrication process is applied by excluding substances such as silicone, grease, graphite, wax and paraffin during the finishing process.

Duratex CFR®

100% texturized polyester sewing thread produced by adding flame-retardant characteristics. The thread surface is coated with flame retardant chemical in accordance with the standards of chemical coating method.

Duratex Multicolor®

Multicolor sewing thread made of 100% texturized polyester filament. It is injection-dyed in up to four different colors to give a multi-colored effect on the thread.

Duratex Eco®

100% texturized polyester sewing thread, produced by 100% recycled polyester. It offers all the advantages of a sustainable sewing thread without compromising performance.