



100% TEXTURIZED POLYESTER SEWING THREAD

Duratex®

DURAK Duratex® is a sewing thread made of high-tenacity texturized polyester. Finishing processes that increase sewing performance provide a great-looking and reliable sewing in sewing processes that require volume and flexibility with a bulky structure, high elasticity and low tensile values. It also gives excellent results as a bottom thread in overlock seam and lockstitch. DURAK Duratex® thread will increase your production efficiency by improving color harmony and sewing quality in your product with 4 different thickness alternatives and 300 colors in the color shade card.



Product Properties

- ✦ Durak Duratex® is a highly elastic and voluminous sewing thread.
- ✦ It is used on products that require elasticity and it covers the 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 due 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 Textile
- ↻ Sportswear
- ↻ T-shirt
- ↻ Mattress
- ↻ 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 against most mineral acids.

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

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

Bleaching: Unaffected.

Microorganisms (Mildew/Rot): Unaffected.

Washing / Dry Cleaning: Unaffected.

Moisture regain: %0.4



Presentation

DURAK Duratex® offers a wide range of colors in a variety of meters size and thicknesses.

Color Fastness

Washing fastness at 60°C	ISO 105 C06	Min. 4
Water fastness	ISO 105 E01	Min. 4
Friction 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. 4

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 destructions 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 up to four different colors to give a multi-colored effect on the thread.

Duratex Recycled®

100% texturized polyester sewing thread, produced by 100% recycled polyester. It provides all the benefits a sustainable sewing thread has to offer without compromising from its sewing performance.