



**UV-RESISTANT
100% TEXTURIZED POLYESTER
SEWING THREAD**

Duratex UV®

DURAK Duratex UV® is a texturized polyester sewing thread with UV resistance. This feature protects the thread against the negative effects of UV light, such as discoloration, reduced abrasion resistance, and loss of tenacity. These negative effects are collectively known as UV degradation. Duratex UV® minimizes such degradation and provides excellent resistance to abrasion, even during high-speed sewing.



Product Properties

- Minimizes UV degradation.
- Effect that prevents color fading.
- High elongation and excellent coverage.
- Superior seamless sewing performance.

Duratex UV®

Areas of Use

- Outdoor Textiles
- Automotive
- Furniture
- Tent / Tarpaulins

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

Storage Conditions

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



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



Duratex UV[®]

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 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 thread without compromising sewing performance.