



UV RESISTANCE
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 lights such as discoloration, low abrasion resistance and loss of tenacity. All these negative effects are called UV destruction. Duratex UV® minimizes this destruction. It is an excellent sewing thread with high resistance against abrasion in high speed sewing.



Product Properties

- Minimizes UV destruction.
- Effect that prevents fading of colors.
- High elongation and covering property.
- Superior seamless sewing performance.

Duratex UV®

Areas of Use

- Outdoor Textiles
- Automotive
- Furniture
- Tent / Tarpaulin

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

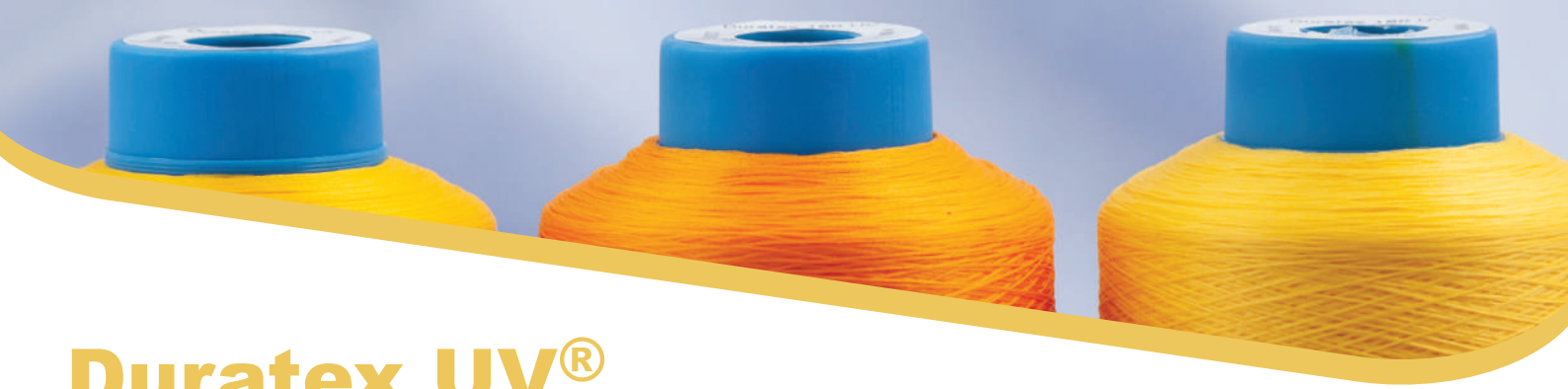
Color Fastness

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

Saklama Koşulları

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





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	23	80 - 100
180	17	700	24 - 28	70 - 90
240	10	500	22	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 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.