



## 100% MICROFILAMENT TEXTURIZED POLYESTER SEWING THREAD

# Softex®

DURAK Softex® is a microfilament texturized polyester sewing thread. It provides a voluminous appearance, excellent softness and optimum flexibility thanks to its special finishing processes, micro filament raw material, bulky structure, high elasticity and low shrinkage values. DURAK Softex® is an excellent sewing thread with high resistance against abrasion in high speed sewing. It also gives excellent results as bottom thread in overlock seams and lockstitch.



## Product Properties

- 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.

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## Areas of Use

- ↻ Swimwear
- ↻ Home Textile
- ↻ Apparel
- ↻ Babywear
- ↻ Sportswear
- ↻ 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 Softex® 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.





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## Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
140	26	900	24 - 28	75 - 90
160	17	630	24 - 28	75 - 90

