



**100% CONTINUOUS
FILAMENT POLYESTER
ANTI-STATIC SEWING THREAD**

Durafix AS[®]

Durak Durafix AS[®](Anti-Static) is an anti-static sewing thread made of 100% high tenacity continuous filament polyester, pre-stabilized with a conductive material. It is designed for use in applications where electrostatic charge is a problem. Its high tensile tenacity and optimum stretch specifications produce smooth and attractive sewing in leather shoes. The thread is specially lubricated to provide a high durability-to-fineness ratio and a smooth, uniform appearance. This lubrication also enhances sewing performance.



Product Properties

- ❖ Specially designed to prevent static electricity in products.
- ❖ Flawless and smooth sewing is achieved thanks to its special lubricating material.
- ❖ Excellent static and dynamic friction values reduce leakage through the pinhole.
- ❖ Provides outstanding sewability.

Durafix AS®

Areas of Use

- Leather Sector
- Safety Footwear
- Protective Footwear
- Hiking Footwear
- Military Clothing and Footwear

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 Solutions: Unaffected by common solvents, soluble in some phenolic compounds.

Bleaching: Unaffected.

Micro Organisms / (Fungus, mold): Unaffected.

Washing / Dry Cleaning: Unaffected.

Moisture Regain: 0.4%



Color Fastness

Washing Fastness (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
Light Fastness	ISO 105 B02	Min. 5

Presentation Form

DURAK Durafix AS® 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.





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Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
30	80	5.500	14 - 26	130 - 140
60	45	2.950	14 - 24	90 - 100
70	40	2.650	14 - 24	90 - 100
80	35	2.280	14 - 20	75 - 90
120	24	1.600	14 - 20	70 - 90



Other Durafix Sub-Brands

- Durafix WR[®]** 100% high tenacity continuous filament polyester sewing thread with water repellent properties. It has a PFC-free water repellent surface coating.
- Durafix UV[®]** 100% high tenacity continuous filament polyester sewing thread with UV resistance. Durafix UV[®] minimizes UV degradation such as discoloration, low abrasion resistance and loss of tenacity.
- Durafix OS[®]** 100% high-tenacity continuous filament 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.
- Durafix CFR[®]** 100% high tenacity continuous filament 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.
- Durafix Multicolor[®]** Multicolor sewing thread made of 100% high-tenacity continuous filament polyester. It is injection-dyed in up to four different colors to create a multi-colored effect on the thread.
- Durafix Eco[®]** High-tenacity polyester sewing thread, produced from 100% recycled polyester. It offers all the advantages of a sustainable thread without compromising sewing performance.