



ANTI-STATIC 100% CONTINUOUS FILAMENT POLYESTER SEWING THREAD

Durafix AS[®]

Durak Durafix AS[®] (Anti-Static) is an antistatic sewing thread made of 100% high tenacity continuous filament polyester, pre-stabilized together with a conductive material. It is designed for use in applications where electrostatic charge is a problem. High tensile tenacity and optimum stretch specifications produce smooth and attractive sewing in leather shoes. It is specially lubricated to give a high durability-fineness ratio and a smooth, uniform appearance. Lubrication also helps to perform well during sewing.



Product Properties

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

Durafix AS®

Areas of Use

- Leather Sector
- Safety Shoes
- Protective Shoes
- Hiking Shoes
- Clothing and shoes for military purposes

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

Bleaching: Unaffected.

Micro Organisms / (Fungus, mold): Unaffected.

Washing / Dry Cleaning: Unaffected.

Moisture Regain: %0.4



Presentation

DURAK Durafix AS® 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)
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. It has a PCF-free water repellent surface coating.
- Durafix UV[®]** 100% high tenacity continuous filament polyester sewing thread with UV resistance. Durafix UV[®] minimizes UV destructions 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 CRF[®]** 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 up to four different colors to give a multi-colored effect on the thread.
- Durafix Recycled[®]** High-tenacity polyester sewing thread, produced from 100% recycled polyester. It provides all the benefits a sustainable sewing thread has to offer without compromising from its sewing performance.