



100% TEXTURIZED POLYESTER MULTICOLOR SEWING THREAD

Duratex Multicolor®

DURAK Duratex Multicolor® is a multicolor sewing thread made of 100% high tenacity texturized polyester. Injection dyed with up to four different colors, it creates a distinctive multi-colored effect that ranges from subtle light-toned shades to vibrant rainbow contrasts. With its bulky structure, high elasticity, and low tensile values, it is ideal for sewing processes that require volume and flexibility. Enhanced by finishing processes that improve performance, Duratex Multicolor ensures both reliability and an eye-catching appearance in sewing applications.



Product Properties

- ✦ Provides a voluminous look on overlock seam.
- ✦ Used on products that require elasticity and covers the stitches perfectly due to its voluminous structure.
- ✦ Prevents shrinkage after washing with its low shrinkage values.
- ✦ Color fastness that withstands even the most challenging washing conditions.
- ✦ Improves sewing quality due to its flawless surface and special finishing processes.
- ✦ Ideal sewing thread for denim production.
- ✦ Injection-dyed in up to 4 colors.

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Areas of Use

- Swimwear
- Home Textiles
- Sportswear
- T-shirts
- Shirts
- Babywear
- Broidery
- 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 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 Multicolor® offers a variety of meter sizes and thicknesses.

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

Storage Conditions

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

It is recommended to use low-melting interlining for mid and dark shade multicolor threads.





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Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
90	33	1.250	20 - 32	80 - 100
180	17	700	20 - 32	70 - 90



Other Duratex Sub-Brands

- Duratex UV®** 100% texturized polyester sewing thread with UV resistance. Duratex UV minimizes UV degradation such as discoloration, low abrasion resistance and loss of tenacity.
- 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 Eco®** 100% texturized polyester sewing thread, produced by 100% recycled polyester. It offers all the advantages of a sustainable sewing thread without compromising performance.