

DURAK

100% CONTINUOUS FILAMENT
POLYESTER MULTICOLOR
SEWING THREADS

Durafix Multicolor®

Durak Durafix Multicolor is a multicolor sewing thread made of 100% high-tenacity continuous filament polyester.It is injection-dyed in up to four different colors to create a multicolored effect on the thread.Durafix Multicolor adds a unique and eyecatching appearance to garments, ranging from subtle tone-on-tone effects to bold rainbow contrasts. Special finishing processes enhance sewing performance, ensuring both aesthetic appeal and reliable stitch quality.



Product Properties

- High tenacity thanks to its continuous filament polyester structure
- Excellent abrasion resistance.
- Injection-dyeable with up to four colors.
- Creates a unique appearance, from subtle tones to vibrant rainbow contrasts.



Durafix Multicolor®

Areas of Use

- Swimwear
- Sportswear
- Shirt
- T-shirt
- Home Textile
- Shoes & Bags
- Babywear
- 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 Durafix Multicolor® offers 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)
18	330	22.000	25 - 35	160 - 280
11	270	15.000	25 - 35	160 - 280
15	175	11.000	25 - 35	140 - 160
20	135	9.200	25 - 35	140 - 160
30	80	5.500	14 - 26	130 - 140
40	60	4.700	14 - 26	100 - 110
50	55	3.500	15 - 23	100 - 110
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
180	16	950	14 - 20	65 - 75
200	12	760	14 - 20	65 - 75

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 AS® Anti-static 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 concern.

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 Eco® High-tenacity polyester sewing thread, produced from 100% recycled polyester. It offers all the advantages of a sustainable thread without compromising sewing performance.