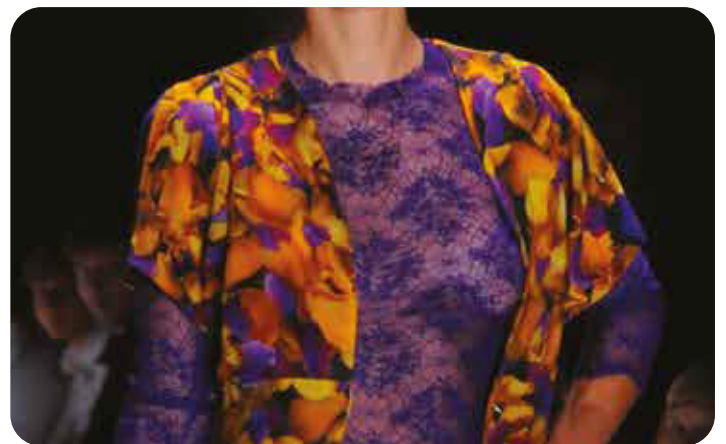




MULTICOLOR BROIDERY THREAD 100% CONTINUOUS FILAMENT POLYESTER

Durapol Multicolor®

DURAK Durapol Multicolor® is a high-quality continuous filament trilobal polyester multicolor broidery thread, specially developed for broidery machines. It is injection-dyed with up to four different colors to create a vibrant multicolor effect. Durapol Multicolor® adds a unique look to garments, ranging from subtle light shades to bold, rainbow-contrasting colors.



Areas of Use

- ✦ **Broidery**
- ✦ **Home Textiles**
- ✦ **Apparel**
- ✦ **Underwear**

Product Properties

- ✦ Vivid and brilliant appearance thanks to its trilobal structure.
- ✦ High resistance to abrasion and chemicals.
- ✦ Injection-dyeable with up to 4 colors.
- ✦ Creates a unique look, from light-toned shades to rainbow-contrasting colors.

Durapol Multicolor®

Storage Conditions

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

Points to consider:

Embroidered products are washable, foldable and resistant to sunlight and chlorine. Follow the washing and storage instructions below to achieve the best results:

- 1- Products should not be stacked and folded when damp.
- 2- Embroidered products should not be put in the dryer without thorough rinsing.
- 3- In steam washers, the products should be hung on hangers and without contact, and the temperature should not exceed 150°C.
- 4- Colors are manufactured according to industrial color tolerance.
- 5- Recommended for use with low-melting interlining for mid- and dark-shade multicolor threads.

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 Durapol Multicolor® is offered in various 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
Light fastness	ISO 105 B02	Min. 5



Durapol Multicolor®

Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
120/1*2	24	900	25 - 35	65 - 75
150/1*2	30	1.220	25 - 35	65 - 75
150/1*3	45	1.790	25 - 35	75 - 95
150/2*3	90	3.570	35 - 45	75 - 95

