

**MULTICOLOR BROIDERY THREAD
100% CONTINUOUS FILAMENT POLYESTER****Durapol Multicolor®**

DURAK Durapol Multicolor® is a high quality continuous filament trilobal polyester multicolor broidery thread which is specially produced for broidery machines. It is injection dyed up to four different colors to give a multi-colored effect on the thread. Durapol Multicolor® gives an extra special look for different-looking clothes, from light-toned shades to rainbow contrasting colors.

Areas of Use

- **Broidery**
- **Home Textile**
- **Apperal**
- **Underwear**

**Product Properties**

- Vivid and brilliant appearance thanks to its trilobal structure.
- High resistance against abrasion, chemical effects.
- Dyeability by injection up to 4 colors.
- Extra special 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 they are resistant against sun light and chlorine. Use the washing and storing instructions below to achieve the best results;

- 1- Products should not be stacked and folded when humid.
- 2- Embroidered products should not be put in the dryer without rinsing thoroughly.
- 3- In steam washers, the products should be hung on hangers and should not be in contact. It is important that the heat level should not exceed 150°C.
- 4- Colors are manufactured according to industrial color tolerance.
- 5- It is recommended to use 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 against most mineral acids.

Alkalis: Unaffected by weak alkalis, moderately resistant to strong alkalis.

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

Bleaching: Unaffected.

Microorganisms (Mildew/Rot): Unaffected.

Washing / Dry Cleaning: Unaffected.

Moisture regain: %0.4

Presentation

Durak Durapol Multicolor® is offered in various sizes 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
Dry cleaning fastness	ISO 105 D01	Min. 4
Perspiration fastness	ISO 105 E04	Min. 4



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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

