



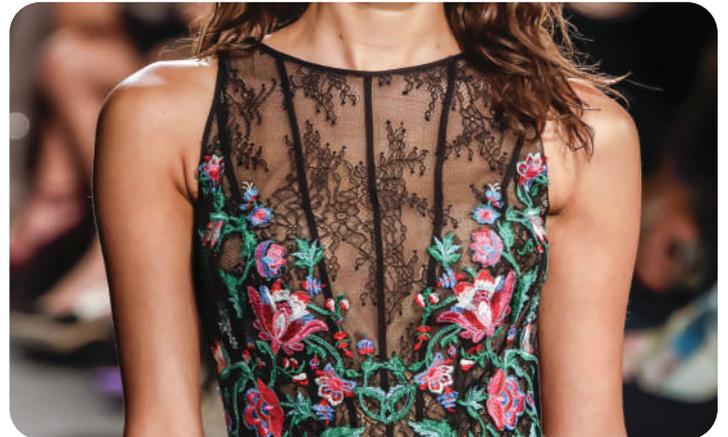
BROIDERY THREAD
100% CONTINUOUS FILAMENT POLYESTER

Durapol®

DURAK Durapol® is a high quality continuous filament trilobal polyester broidery thread which is specially produced for broidery machines. It provides high resistance against abrasion, chemical effects and outdoor weather conditions in high speed embroidery. It appeals to a wide range of applications in conjunction with its bright and ample colors, thickness options and excellent embroidery performance.

Areas of Use

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



Product Properties

- Performs perfectly under the most challenging production conditions.
- Unaffected by chlorine bleach.
- High resistance against abrasion, chemical effects.
- Vivid and brilliant appearance thanks to its trilobal structure.
- Provides silky softness.

Durapol®

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.

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® 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
Dry cleaning fastness	ISO 105 D01	Min. 4
Perspiration fastness	ISO 105 E04	Min. 4



Durapol®

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

