



## METALLISED POLYESTER BROIDERY THREAD

### Durapol-Met Plus®

Durapol-Met Plus® is a broidery thread produced by folding from metallic film and polyester thread. It is an excellent metallic broidery thread with an extremely bright and smooth surface. It ensures good working efficiency, quality and a sparkling decorative appearance even in high-speed broidery machines. Durapol-Met Plus® is offered in silver, gold and other color options according to preference.



### Product Properties

- Polyester-Metallic thread ensures excellent performance and quality embroidery even in fine details.
- Decorative and brilliant appearance.
- Performs perfectly even in high-speed machines.
- High color fastness.



# Durapol-Met Plus®

## Areas of Use

- Home Textile
- Men/Women's Apparel
- Mattress covers
- Underwear
- Decorative applications



## 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

## 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.

## 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

## Presentation

Durak Durapol-Met Plus® offers a wide range of colors in a variety of meters size and thicknesses.





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## Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
180/1*1	15	400	25 - 30	75
240/1*1	27	900	25 - 30	75
300/1*1	33	900	25 - 30	75
350/1*1T	35	1.300	25 - 30	75

