

METALLIZED POLYESTER BROIDERY THREAD

Durapol-Met Plus®

Durapol-Met Plus® is a broidery thread made by twisting metallic film with polyester thread. It is an excellent metallic broidery thread, featuring an extremely bright and smooth surface. It ensures high working efficiency, consistent quality, and a sparkling decorative effect, even on high-speed broidery machines. Durapol-Met Plus® is available in silver, gold, and other color options according to preference.



Product Properties

- ✦ Polyester-metallic thread ensures excellent performance and high-quality embroidery even in fine details.
- ✦ Decorative and brilliant appearance.
- ✦ Performs flawlessly in high-speed machines.
- ✦ Offers high color fastness.



Durapol-Met Plus®

Areas of Use

- Home Textiles
- Men's & 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 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%

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.

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. 4

Product Options

Durak Durapol-Met Plus® offers a wide range of colors in a variety of meter sizes 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

