



MULTICOLOR 100% CONTINUOUS FILAMENT POLYESTER EMBROIDERY THREAD

Polysoft Multicolor®

Durak Polysoft Multicolor® is a multicolor embroidery thread made of continuous filament trilobal polyester. It is injection dyed up to four different colors to give a multi-colored effect on the thread. Polysoft Multicolor® gives an extra special look for different-looking clothes, from light-toned shades to rainbow contrasting colors. Finishing processes that increase embroidering performance provide great-looking and make it reliable.



Product Properties

- Dyeability by injection up to 4 colors.
- Extra special look from light-toned shades to rainbow contrasting colors.
- High resistance against abrasion, chemical effects.
- Vivid and brilliant appearance thanks to its trilobal structure.



Polysoft Multicolor®

Areas of Use

- Leather Sector
- Sportswear
- Men/Women's Apparel
- Denim
- Workwear
- Underwear
- Kid's Wear

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 Polysoft Multicolor® offers 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 |
| Hypochlorite fastness | ISO 105 N01 | Min. 4 |
| Dry cleaning fastness | ISO 105 D01 | Min. 4 |
| Perspiration fastness | ISO 105 E04 | Min. 4 |
| Artificial light fastness | ISO 105 B02 | Min. 4 |



20 gr/lit
max. 30°C
max. 30 min

Polysoft 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.

Thickness and Strength Chart

| Ticket No. | Nominal Tex | Strength CN | Elongation % | Needle Size (Nm) |
|------------|-------------|-------------|--------------|------------------|
| 15 | 65 | 2.400 | 20 - 35 | 90 - 100 |
| 20 | 50 | 1.750 | 20 - 35 | 90 - 100 |
| 30 | 33 | 1.500 | 20 - 35 | 75 - 90 |
| 40 | 27 | 1.250 | 18 - 28 | 75 - 90 |
| 60 | 17 | 630 | 20 - 30 | 65 - 75 |

Other Polysoft Sub-Brands

Polysoft®

100% high tenacity continuous filament trilobal polyester embroidery thread. It offers a vivid and brilliant appearance.

Polysoft AS®

Antistatic embroidery thread made of 100% high tenacity continuous filament trilobal polyester, pre-stabilized together with a conductive material. It is designed for use in applications where electrostatic charge is a problem.

Polysoft CFR®

100% high tenacity continuous filament trilobal polyester embroidery thread produced by adding flame-retardant characteristics. The thread surface is coated with flame retardant chemical in accordance with the standards of chemical coating method.

Polysoft Recycled®

High-tenacity trilobal polyester embroidery thread, produced by 100% recycled polyester. It provides all the benefits a sustainable sewing thread has to offer without compromising from its sewing performance.