



100% CONTINUOUS FILAMENT POLYESTER SEWING THREAD

Poly®

Durak Poly® is a sewing thread made of 100% high-tenacity continuous filament polyester. It provides excellent sewing performance with high resistance to abrasion, chemical effects and external weather conditions, even in high-speed sewing operations. Thanks to its special finishing processes, it delivers excellent sewing performance even in machines operating at the highest speeds. Durak Poly® is produced in various thicknesses and appeals to a wide range of applications in the textile, leather and footwear industries.



Product Properties

- Continuous filament structure provides durability.
- Ideal for leather and footwear applications.
- Performs perfectly even under demanding production conditions.
- Special finishing processes reduce problems caused by sewing friction.
- Provides excellent sewing appearance with a balanced loop structure.

Poly®

Areas of Use

- Shoes
- Leather goods
- Bags/Suitcases
- Furniture
- Denim
- Workwear

Physical Properties

Melts at 260°C and softens at 220 - 240°C.
Shrinkage is less than 1% at 150°C.

Chemical Properties

Mineral acids: Melts at 260°C and softens at 220 - 240°C.

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%



Product Options

Durak Poly® offers a wide range of colors in a variety of meter sizes and thicknesses.

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
Artificial light fastness	ISO 105 B02	Min. 5

Storage Conditions

Must be stored away from heat, humidity and direct sunlight.



Poly®

DURAK



Poly®

Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
2	60	3.380	15 - 25	100 - 110
3	90	5.200	15 - 25	130 - 140
4	120	6.700	20 - 28	130 - 140
6	175	10.150	20 - 28	140 - 160
9	250	15.000	20 - 28	140 - 160
12	330	21.000	20 - 28	160 - 280

