



CONTINUOUS FILAMENT POLYESTER BONDED SEWING THREAD

Durabond P-F®

Durabond P-F® is a bonded, twisted continuous filament polyester sewing thread. It is produced with the principle of bonding the layers to each other in special production processes that are sensitive to the environment. Durabond P-F® has high abrasion resistance and a structure that can be easily passed through the pinhole. Thanks to its special finishing processes, it provides ease of working without breaking even in high speed machines.



Product Properties

- ✦ Excellent abrasion and friction resistance.
- ✦ Optimum durability maximum operating performance and efficiency.
- ✦ Possibility to work in high-speed machines.
- ✦ Prevents needle heating.
- ✦ Ensures smooth sewing.



Durabond P-F®

Areas of Use

- ↻ Leather Shoes
- ↻ Belts
- ↻ Automotive Sector
- ↻ Bags
- ↻ Sports Equipment
- ↻ Tent/Tarpaulin

Physical Properties

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

Chemical Properties

Mineral acids: Soluble by strong mineral acids, resistant to weak acids.

Alkalis: Resistant to weak alkalis but it can be damaged by strong alkalis at high temperatures.

Organic solvents: Generally unaffected.

Bleaching: Unaffected.

Microorganisms (Mildew/Rot): Unaffected.

Washing / Dry Cleaning: Unaffected.

Moisture regain: %0.4.



Presentation

Durak Durabond P-F® offers a wide range of colors in a variety of meters size and thicknesses.

Storage Conditions

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

Color Fastness

Washing fastness at 60°C	ISO 105 C06	Min 4 - 5
Water fastness	ISO 105 E01	Min 4
Friction fastness	ISO 105 X12	Min 3 - 4
Artificial light fastness	ISO 105 B02	Min 4





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Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %	Needle Size (Nm)
6-F	500	31.315	25 - 35	180 - 230
8-F	350	21.710	25 - 35	160 - 200
10-F	270	18.000	25 - 35	160 - 200
11-F	240	16.600	20 - 30	160 - 200
15-F	150	11.000	15 - 25	130 - 160
20-F	135	9.150	15 - 25	130 - 160
30-F	80	5.200	15 - 25	120 - 140
40-F	70	4.800	15 - 25	110 - 120
60-F	45	3.100	15 - 25	90 - 110

