



## 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
80-F	35	1.900	15 - 25	90 - 110

