



CONTINUOUS FILAMENT NYLON BONDED SEWING THREAD

Durabond N-F®

Durabond N-F® is a bonded, twisted continuous filament nylon 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 N-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 N-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.

Moisture regain: %0.4.

Presentation

Durak Durabond N-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)
4-F	600	39.500	38 - 48	180 - 220
6-F	500	33.000	35 - 45	160 - 200
8-F	400	26.500	25 - 35	160 - 200
10-F	250	19.500	25 - 35	160 - 200
15-F	180	14.200	25 - 30	120 - 160
20-F	135	10.000	25 - 30	120 - 140
30-F	105	6.500	25 - 30	110 - 130
40-F	70	4.900	25 - 30	100 - 120
60-F	45	3.450	25 - 30	90 - 100
80-F	35	2.500	12 - 25	75 - 90

