



100% NYLON CONTINUOUS FILAMENT BONDED SEWING THREADS

Durabond N-F®

Durabond N-F® is produced from 100% continuous filament Nylon 6.6 threads, using special manufacturing processes that bond the plies together. These processes are environmentally friendly and ensure excellent adhesion between the plies. It stands out with its high abrasion resistance, heat durability, and ability to easily pass through needle holes. Thanks to special finishing treatments, it performs smoothly on high-speed machines without breakage or skipped stitches.



Product Properties

- ✦ Excellent abrasion and friction resistance.
- ✦ Optimal durability, maximum operational performance, and efficiency.
- ✦ Capability to operate at high speeds.
- ✦ Prevents needle heating.
- ✦ Ensures smooth sewing.



Durabond N-F®

Areas of Use

- ✎ Leather Shoes
- ✎ Belts
- ✎ Automotive Industry
- ✎ Bags
- ✎ Sports Equipment
- ✎ Tent / Tarpaulins



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 in strong mineral acids, resistant to weak acids.

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

Organic solvents: Generally unaffected.

Bleaching: Unaffected.

Microorganisms (Mildew/Rot): Unaffected.

Moisture regain: 0.4%.

Product Options

Durak Durabond N-F® offers a wide range of colors in a variety of meter sizes and thicknesses.

Color Fastness

Washing Fastness (60°C)	ISO 105 C06	Min. 4
Water Fastness	ISO 105 E01	Min. 4
Rubbing Fastness	ISO 105 X12	Min. 4
Hypoclorite Fastness	ISO 105 N01	Min. 4
Dry Cleaning Fastness	ISO 105 D01	Min. 4
Perspiration Fastness	ISO 105 E04	Min. 4
Light Fastness	ISO 105 B02	Min. 4

Storage Conditions

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





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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

