



**UV RESISTANCE
CONTINUOUS FILAMENT POLYESTER
BONDED SEWING THREAD**

Durabond P UV®

Durabond P UV® is a bonded, twisted continuous filament polyester sewing thread with UV resistance. It is produced with the principle of bonding the layers to each other in special production processes that are sensitive to the environment. This feature protects the thread against the negative effects of UV lights such as discoloration, low abrasion resistance and loss of tenacity. All these negative effects are called UV destruction. Durabond P UV® minimizes this destruction. It is an excellent sewing thread with high resistance against abrasion in high speed sewing.



Product Properties

- ❖ Effect that prevents fading of colors
- ❖ Excellent friction and abrasion resistance
- ❖ Minimizes UV destruction
- ❖ Optimum durability maximum operating performance and efficiency.
- ❖ Possibility to work in high-speed machines.
- ❖ Superior seamless sewing performance.



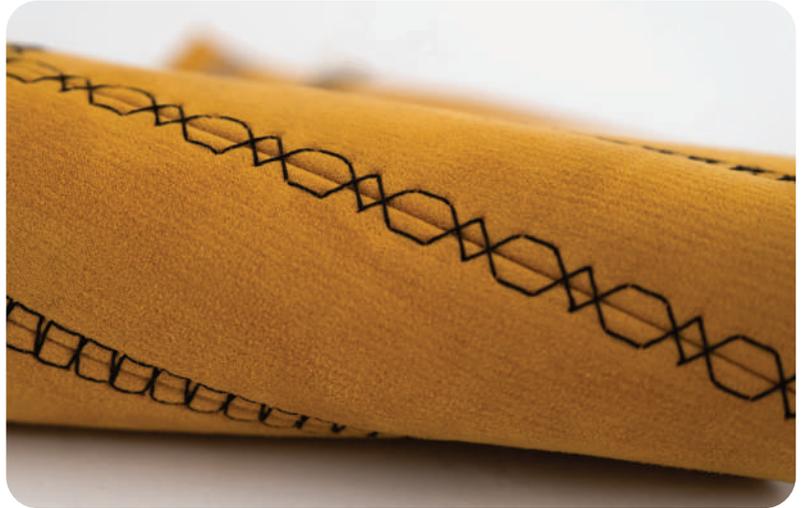
Durabond P UV[®]

Areas of Use

- ↻ Outdoor Textiles
- ↻ Furniture
- ↻ Automotive
- ↻ 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:** Resistant against most mineral acids.
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.

Presentation

Durabond P UV[®] 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

