

# DURAK Bug Safe



Furniture



Bedding/  
Quilting



Home Textiles



Tent/Cover



Outdoor  
Clothing



Agricultural  
Industry

## FASTNESS

<b>Washing Fastness</b>	ISO 105-C06	Min.:4
<b>Water Fastness</b>	ISO 105-E01	Min.:4
<b>Rubbing Fastness</b>	ISO 105-X12	Min.:4
<b>Hypochlorite Fastness</b>	ISO 105 N01	Min.:4
<b>Perspiration Fastness</b>	ISO 105-E04	Min.:4
<b>Light Fastness</b>	ISO 105 B02	Min.:4

## PHYSICAL PROPERTIES

<b>Melts</b>	Melts at 260°C
<b>Softens</b>	Softens at 220 - 240°C
<b>Shrinkage</b>	Shrinkage at 150°C is below 1%

## CHEMICAL PROPERTIES

<b>Mineral Acids</b>	Resistant to most mineral acids.
<b>Alkalies</b>	Generally unaffected by weak alkalies but particularly vulnerable to strong alkalies at high temperatures.
<b>Organic Solvents</b>	Generally unaffected, but dissolves in some phenolic mixtures.
<b>Bleaching</b>	Unaffected.
<b>Microorganisms</b>	(mold mildew) Unaffected.
<b>Washing / Dry Cleaning</b>	Unaffected.
<b>Regained Moisture</b>	0.4%

## THICKNESS AND STRENGTH TABLE

TKT	Nominal Tex	Breaking Force CN	Breaking Elongation %	Recommended Needle Size
40	80	4100	18-26	110 - 130
80	40	2000	16-24	80 - 100
120	24	1250	12-20	70 - 90

## STORAGE CONDITIONS

\*Should be protected from high heat, moisture, and direct sunlight.



Bed bugs, mosquitoes, and other pests, commonly found in bedding, clothing, and living spaces, can cause allergic reactions and spread diseases.

Durak Bug Safe is an innovative thread treated with a unique blend of plant-based extracts. This special formulation repels pests by preventing their reproduction and habitation, emitting a natural scent that keeps them away from treated areas.

Certified with OEKO-TEX Class 1, this thread ensures safe and long-lasting protection, making it suitable for use in products like mattresses, sofas, carpets, curtains, tents, animal collars/ clothing, hair accessories, and more.

- Provides effective pest protection by emitting a natural scent, even in hard-to-reach stitching areas.
- Free of microcapsules, endocrine disruptors, and permethrin, ensuring a safe and natural approach.
- Certified safe for children and pets with OEKO-TEX Class 1 standards.
- Fully compliant with Biocidal Product Regulation (BPR) and REACH regulations.
- Independently verified for effectiveness through blind testing by international laboratories.
- Available in Polystrong 40, 80, and 120 thread sizes, with customization available for other thread types.
- Special finishing processes and a durable polyester core enable clean, strong stitching, even with finer threads on delicate fabrics.
- Provides protection for up to 30 washes and lifetime effectiveness when not washed.



# BUG REPELLENT THREADS Bug Safe

**DURAK** 

