



# Durabobbins®

## QUILTING & BROIDERY

### BOBBIN THREAD

Durabobbins® is a specially designed bobbin thread for quilting and broidery sector. The corespun, spun and continuous filament type are preferably used in quilting industry whereas the micro spun and textured filament structured Durabobbins® are mostly preferred by the broidery industry.

The continuous filament structure meets the high tenacity requirements of mattress quilters whereas core-spun and spun polyester structure offers the softness and natural appearance desired in home textiles or garment quilters. It has a very wide area of use as a bobbin thread in the quilting industry due to its wide range of options.

Durabobbins® also provides equally satisfactory results as bobbin thread for the broidery industry. It can be ordered in texturized polyester structure to meet the elasticity requirements when needed. It is much easier to achieve the desired look and the soft touch on the final product with Durabobbins®.

#### **ENSURES EVEN AND HOMOGENEOUS THREAD TENSION FROM BEGINNING TO END**

During the winding process, the length of bobbins is evenly measured by meter counters. A maximum of 1% difference is to be expected among the bobbins. This ensures all bobbins to finish at approximately same time and decreases the waste percentage. The high quality winding method provides an even tension from the first meter to the last and prevents the bobbin from collapsing as the amount of thread on it decreases.

### Product Properties

- Maximum efficiency
- Even and homogeneous thread tension from beginning to end
- Compliance with specified cocoon dimensions
- Minimum amount of thread waste
- Performs perfectly under the most challenging production conditions



# Durabobbins®

## Areas of Use

- ✦ Quilting
- ✦ Home Textiles
- ✦ Broidery
- ✦ Apparels
- ✦ Mattress sector
- ✦ Lingerie

## 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. Cotton swells in caustic, no significant loss of tenacity.

**Bleaching:** Polyester part is unaffected while the cotton part bleaches with hypochlorite and peroxides.

**Microorganisms (Mildew/Rot):** Unaffected.

**Washing / Dry Cleaning:** Unaffected.

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## Presentation

DURAK Durabobbins® 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

<b>Washing fastness at 60°C</b>	<b>ISO 105 C06</b>	<b>Min. 4</b>
<b>Water fastness</b>	<b>ISO 105 E01</b>	<b>Min. 4</b>
<b>Friction fastness</b>	<b>ISO 105 X12</b>	<b>Min. 4</b>
<b>Hypochlorite fastness</b>	<b>ISO 105 N01</b>	<b>Min. 4</b>
<b>Dry cleaning fastness</b>	<b>ISO 105 D01</b>	<b>Min. 4</b>
<b>Perspiration fastness</b>	<b>ISO 105 E04</b>	<b>Min. 4</b>
<b>Artificial light fastness</b>	<b>ISO 105 B02</b>	<b>Min. 4</b>

## Thickness and Strength Chart

Ticket No.	Nominal Tex	Strength CN	Elongation %
60/2 KE	18	700	12 - 18
80/2 MKE	14	450	12 - 18
70/2 PES	16	950	14 - 19
100/2 PES	24	1.350	14 - 20
100 PP	30	1.600	16 - 24
120 PP	24	1.250	12 - 20
150 PP	20	920	12 - 20

