

# Technical Data Sheet

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Durafil Tex 40 Heat Fusible Blind Hem Yarn

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Engineered for Blind Hem Reinforcement and Internal Garment Stabilisation

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## 1. Product Description

Durafil Tex 40 Heat Fusible Blind Hem Yarn is a low melting polyamide functional yarn designed for use in blind hem constructions where improved internal bonding and hem stability are required.

During pressing, the yarn softens and bonds adjacent fabric layers inside the hem structure, helping improve seam stability without changing the external garment appearance.

Primary use: blind hems in trousers, uniforms, and structured garments.

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## 2. Key Benefits

- Improves blind hem stability after pressing and washing
- Helps reduce seam slippage in hem area
- Helps reduce puckering and distortion
- Supports cleaner, flatter hem finish
- Compatible with existing sewing and pressing processes

- No additional machinery required
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### 3. Typical Applications

- School uniform trousers
  - Corporate uniform trousers
  - Workwear trousers
  - Formal trousers
  - Structured skirts and garments with blind hems
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### 4. Technical Specification

Property	Typical Value
Product Name	Tex 40 Heat Fusible Blind Hem Yarn
Material	Low Melting Polyamide
Yarn Count	Tex 40
Approx. Denier	360 Denier
Colour	Natural

Softening / Activation Range	Approx. 80–90°C
Nominal Melting Point	Approx. 85°C
Construction	Functional bonding yarn
Package Type	3000m / Kingspool

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## 5. Processing Guidelines

Recommended trial conditions must be established by user.

Typical activation method:

- Use in blind hem sewing construction
- Apply standard garment pressing process
- Heat activates yarn within hem area
- Allow cooling under stable condition before handling

Process variables affecting result:

- Press temperature
- Dwell time
- Pressure applied
- Fabric composition

- Hem construction
  - Moisture conditions
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## 6. Fabric Compatibility

Suitable for trials on:

- Polyester fabrics
- Polyester / viscose blends
- Cotton blends
- Polyamide blends
- Many uniform and trouser fabrics

Always conduct pre-production trials, especially on heat-sensitive fabrics.

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## 7. Storage & Handling

- Store in cool, dry conditions
- Keep away from direct heat sources
- Protect from dust and contamination
- Keep packaging closed when not in use

- Rotate stock using first-in, first-out principle

Recommended storage temperature: below 30°C where practical.

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## 8. Important Notes

This product is designed to reinforce blind hem performance through controlled thermal bonding inside the hem structure.

Final performance depends on garment construction, fabric type, pressing conditions, and process control.

Users are responsible for testing, process adjustment, and validation before bulk production.

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## 9. Packaging Options

Available subject to order quantity:

- 3000m Kingspool
- Custom winding formats
- OEM / private label supply for thread manufacturers

## 10. Contact for Technical Support

For technical queries:

**Email:** [info@durafil-group.com](mailto:info@durafil-group.com)