

Storage & Logistics Guidelines

Durafil Heat Soluble Yarn

150 Denier | Approx. 70°C Melting Point | Natural Colour

1. Purpose

Durafil Heat Soluble Yarn is a low temperature melting functional yarn designed for temporary separation, removable joins, spacing structures, and sacrificial process functions in knitting, weaving, hosiery, and technical textile manufacturing.

Because the product is temperature sensitive, correct storage, handling, and logistics control are important to maintain yarn performance, package integrity, and processing reliability.

This guide outlines recommended practices for warehouses, distributors, textile mills, hosiery factories, and end users.

2. Product Sensitivity

Durafil Heat Soluble Yarn should be protected from:

- Excessive heat
- Direct sunlight

- Hot containers or trailers
- Prolonged storage near heaters or machinery
- Dust and contamination
- Mechanical damage during handling
- Crushing or distortion of packages
- Moisture or water damage to packaging

Exposure to elevated temperatures before intended use may affect later running or melting performance.

3. Recommended Storage Conditions

Condition	Recommendation
Storage Area	Clean, dry, shaded indoor area
Temperature	Cool ambient conditions
Preferred Maximum	Below 30°C where practical
Sunlight	Avoid direct sunlight
Humidity	Normal dry warehouse conditions
Ventilation	Good airflow recommended

Avoid storing in uncontrolled hot spaces for extended periods.

4. Warehouse Handling Guidelines

- Keep yarn in original packaging until use.
 - Avoid stacking loads that crush cones or packages.
 - Keep away from steam lines, heaters, or hot machinery.
 - Protect labels and batch markings.
 - Use clean handling methods.
 - Separate from chemicals or odour-emitting goods.
 - Inspect packaging regularly.
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5. Stock Rotation

Use FIFO (First In, First Out) stock rotation.

Recommended practice:

- Mark receipt dates clearly
- Use oldest approved stock first
- Inspect package condition before use or shipment
- Monitor slow-moving stock

6. Transport Guidelines

Because the product is heat sensitive, transport conditions matter.

Recommended precautions:

- Avoid prolonged exposure to high container temperatures
- Avoid leaving goods in direct sun during loading/unloading
- Use covered vehicles where practical
- Minimise delays in hot yards or docks
- Protect cartons from crushing and water ingress
- Secure loads to prevent movement damage

For hot climate routes, faster transit or improved thermal protection may improve certainty.

7. International Shipping Considerations

For export shipments:

- Use strong outer cartons
- Maintain pallet stability
- Protect against compression damage
- Use moisture protection where required

- Ensure clear batch traceability labels
 - Use reliable carriers with predictable handling
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8. Customer Receiving Inspection

Upon receipt, users should check:

- Carton condition
- Heat damage signs
- Water damage signs
- Distorted packages or cones
- Correct quantity
- Correct labels / batch details

Any concerns should be reported promptly.

9. Production Area Storage

Before use:

- Keep only required daily quantity near machines
 - Keep stock away from dryers, steamers, presses, ovens, or heaters
 - Keep reserve stock sealed when not in use
 - Avoid leaving packages in direct sunlight near windows
 - Return unused stock to controlled storage
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10. Important Performance Reminder

Yarn exposed to unsuitable heat or damaged packaging before use may process differently.

Always validate performance if storage history is uncertain.

11. Important Note

Final performance depends on maintaining suitable storage and handling conditions before use.

Users are responsible for storage control, stock rotation, transport review, and production validation before bulk use.

12. Contact for Technical Support

For technical queries:

Email: info@durafil-group.com