

Storage & Logistics Guidelines

Durafil Water Soluble Yarn

20°C Soluble | Ne 40/1

1. Purpose

Durafil Water Soluble Yarn is a PVA-based temporary process yarn designed to dissolve in water under controlled conditions.

Because the product is moisture sensitive before use, correct storage, handling, and logistics control are essential to maintain yarn performance and product integrity.

This guide outlines recommended practices for warehouses, distributors, and end users.

2. Product Sensitivity

Durafil Water Soluble Yarn should be protected from:

- Moisture
- High humidity
- Direct water contact

- Condensation
- Wet floors or leaking roofs
- Excessive heat
- Direct sunlight
- Dust and contamination
- Mechanical damage during handling

Moisture exposure before use can affect product condition and processing performance.

3. Recommended Storage Conditions

Condition	Recommendation
Storage Area	Clean, dry, enclosed indoor area
Temperature	Cool ambient conditions
Humidity	Low humidity preferred
Water Exposure	Strictly avoid
Sunlight	Avoid direct sunlight
Ventilation	Good airflow without dampness

Avoid storage in uncontrolled humid environments for extended periods.

4. Warehouse Handling Guidelines

- Keep yarn in original sealed packaging until use.
 - Minimise handling after opening.
 - Keep cartons off floor level.
 - Protect from water leaks and condensation.
 - Avoid crushing packages or cones.
 - Protect labels and batch markings.
 - Keep away from chemicals or odour contamination.
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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 packaging condition regularly
- Monitor slow-moving stock carefully

6. Transport Guidelines

Because the product is moisture sensitive, transport conditions are important.

Recommended precautions:

- Use dry vehicles or containers
 - Protect against rain during loading/unloading
 - Use moisture barrier packaging where required
 - Avoid prolonged port or dock exposure in humid weather
 - Keep cartons elevated from wet surfaces
 - Prevent crushing during transit
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7. International Shipping Considerations

For export shipments:

- Use strong outer cartons
- Use inner moisture protection where required
- Maintain pallet stability
- Wrap pallets appropriately
- Ensure clear batch traceability labels
- Use reliable carriers with predictable handling

For sea freight routes, humidity protection is especially important.

8. Customer Receiving Inspection

Upon receipt, users should check:

- Carton condition
- Signs of water damage
- Damp packaging
- Distorted cones or packages
- Correct quantity
- Correct labels / batch details

Any concerns should be reported promptly.

9. Production Area Storage

Before use:

- Keep only daily requirement near machines

- Return unused stock to dry controlled storage
 - Keep opened packs sealed when idle
 - Avoid placing stock near steam, wet areas, or wash zones
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10. Important Performance Reminder

Yarn that absorbs moisture before use may process differently.

Always validate performance if packaging has been exposed to humidity or uncertain storage conditions.

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