

Customer Support & Education

Durafil Water Soluble Yarn
20°C Soluble | Ne 40/1

Technical Guidance for Temporary Textile Structures and Controlled
Dissolution

1. Technical Support Scope

Durafil provides technical guidance for:

- Product selection for weaving and knitting use
- Temporary support yarn applications
- Construction suitability review
- Yarn handling and storage guidance
- Dissolution trial support
- Residue reduction guidance
- Process optimisation assistance
- Troubleshooting support

Support is advisory and based on product knowledge, field experience, and process logic.

2. Pre-Purchase Technical Clarification

Before purchase, customers may request clarification on:

- Product specification
- Yarn count and construction
- Dissolution behaviour
- Suitable applications
- Package formats
- Batch traceability
- Trial recommendations
- Available technical documents

Technical Data Sheets and application guides are available to support evaluation.

3. Trial & Validation Guidance

Durafil strongly recommends controlled trials before bulk production.

Trial areas should include:

- Weaving or knitting running performance
- Temporary support effectiveness
- Fabric stability during processing

- Dissolution efficiency under actual wash conditions
- Residue acceptability
- Final fabric handle and appearance
- Productivity suitability

Production approval should only follow successful trials.

4. Education Focus Areas

Durafil educates customers on:

- Why dry storage is critical before use
- How PVA yarn behaves differently from permanent yarns
- Influence of water temperature, liquor ratio, and agitation
- Why dense structures dissolve more slowly
- Causes of incomplete removal
- Why drying before full dissolution can create problems
- How to use temporary yarn only where functionally needed
- Process discipline for repeatable results

Technical bulletins may be provided where required.

5. Limitations of Support

Durafil does not control:

- Machine condition
- Operator skill level
- Yarn path condition
- Fabric design decisions
- Weaving or knitting settings
- Wash equipment efficiency
- Production speed pressure
- Final finishing methods

Final responsibility for production suitability remains with the customer.

6. Ongoing Technical Communication

Customers are encouraged to provide:

- Trial feedback
- Fabric construction details
- Machine type used
- Wash process conditions

- Photos of results
- Residue concerns
- Productivity observations
- Final performance feedback

This enables faster troubleshooting and more precise recommendations.

7. Documentation System

All official documents are version-controlled and may include:

- Technical Data Sheet
- Application Notes
- Processing Guide
- Troubleshooting & Performance Guide
- Storage & Logistics Guidelines
- Packaging Specification
- Safety Data Sheet (SDS)
- Material Behaviour & Chemistry Guide
- Customer Support & Education
- Certifications / Compliance Documents

Customers should ensure they are using the latest version.

8. Best Results Framework

For best results:

- Keep yarn dry before use
 - Conduct small trials first
 - Standardise approved conditions
 - Train operators
 - Monitor dissolution consistency
 - Confirm complete removal before drying
 - Review outcomes regularly
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9. Contact for Technical Support

For technical queries:

Email: info@durafil-group.com

10. Important Note

Durafil Water Soluble Yarn performance depends on storage control, processing conditions, and dissolution discipline.

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