

# Lace and Decorative Trim Positioning Applications in Garment Manufacturing

---

Durafil Water Soluble Thread (WST)

---

Technical Application Reference Document

---

## 1. Introduction

Lace and decorative trim positioning is a garment assembly operation where decorative trims, lace sections, or ornamental fabric elements must be temporarily held in accurate alignment before permanent stitching is completed.

Lace and trim applications are often visually exposed and may involve delicate materials, lightweight fabrics, curved garment sections, or appearance-sensitive decorative constructions requiring controlled positioning during sewing operations.

Accurate lace and decorative trim positioning is important for:

- Garment appearance
- Decorative symmetry
- Trim alignment
- Production consistency
- Assembly efficiency

Durafil Water Soluble Thread (WST) can be used as a temporary stitching solution during lace and decorative trim assembly operations.

After washing, the temporary stitches dissolve and disappear.

---

## 2. Production Challenge

During garment assembly, lace sections and decorative trims often require temporary stabilization before final sewing operations.

Common production challenges include:

- Movement of lace or trim sections during sewing
- Shifting during garment handling
- Maintaining alignment along curved garment sections
- Distortion of delicate decorative materials
- Maintaining decorative symmetry across garments

Factories traditionally use temporary stitches to stabilize lace and decorative trim components before permanent attachment.

Because lace and decorative trims are highly visible garment elements, even small positioning variations may affect final garment presentation.

### 3. Traditional Method

In conventional garment production, temporary lace and trim positioning is often achieved using:

- Standard sewing thread
- Manual tacking
- Temporary holding stitches

After permanent stitching is completed, operators manually remove the temporary stitches.

---

### 4. Limitations of Traditional Temporary Stitching

Manual removal of temporary stitching may create several production issues:

- Additional labour requirement
- Slower finishing operations
- Risk of accidental fabric damage
- Inconsistent removal quality
- Increased handling time

On delicate or appearance-sensitive materials, manual stitch removal may increase the risk of:

- Surface damage

- Yarn pulls
- Lace distortion
- Marking
- Accidental cutting of decorative materials

Repeated handling during stitch removal may also disturb decorative trim alignment.

---

## **5. Durafil Water Soluble Thread (WST) Solution**

Durafil Water Soluble Thread (WST) provides a temporary stitching solution for lace and decorative trim positioning applications.

The thread behaves like a normal sewing thread during assembly operations, holding lace and decorative trim components in position during garment construction.

During washing, the temporary stitches dissolve and disappear.

This removes the need for manual stitch removal after sewing.

## 6. Typical Lace and Decorative Trim Positioning Applications

Durafil Water Soluble Thread (WST) may be used in applications including:

- Lace trim positioning
- Decorative ribbon alignment
- Ornamental edge trim stabilization
- Curved decorative trim assembly
- Decorative garment border positioning
- Appearance-sensitive trim constructions

The thread may be used wherever temporary lace or decorative trim stabilization is beneficial during production.

---

## 7. Operational Benefits

Using Durafil Water Soluble Thread (WST) for lace and decorative trim positioning can provide several operational advantages.

### Improved Decorative Alignment Stability

Temporary stitches help maintain accurate positioning and symmetry of lace and decorative trim sections during sewing and handling operations.

## **Reduced Manual Labour**

Because the temporary stitches dissolve during washing, manual stitch removal operations can be reduced.

## **Reduced Risk of Decorative Material Damage**

Because temporary stitches dissolve during washing, the risk associated with manual cutting or pulling of stitches is reduced.

This is particularly beneficial for:

- Delicate lace materials
- Lightweight decorative fabrics
- Curved trim constructions
- Appearance-sensitive garment areas
- Ornamental garment surfaces

## **Improved Production Flow**

Lace and decorative trim assembly operations can proceed without requiring a separate stitch removal operation after sewing.

## **Cleaner Garment Finishing**

After washing, the temporary stitching disappears, leaving only the permanent decorative seam construction.

## 8. Garment Types

Lace and decorative trim positioning applications using Durafil Water Soluble Thread (WST) may be suitable for:

- Fashion garments
- Decorative garments
- Lingerie
- Children's garments
- Bridalwear
- Appearance-sensitive garment constructions

Production trials are recommended for specific garment constructions.

---

## 9. Production Outcome

Using Durafil Water Soluble Thread (WST) in lace and decorative trim positioning operations may help garment manufacturers:

- Simplify decorative assembly workflow
- Reduce manual finishing operations
- Improve trim alignment consistency
- Reduce handling complexity
- Improve operational efficiency

## 10. Related Application Areas

Additional temporary stitching applications may include:

- Appliqué positioning
  - Decorative panel alignment
  - Embroidery stabilization
  - Ornamental garment element positioning
  - Multi-layer fabric positioning
- 

## 11. Disclaimer

Performance depends on garment construction, washing conditions, and production processes.

Users are responsible for conducting suitability trials under actual production conditions prior to commercial use.

---

## 12. Technical Support

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