

# Jacket Pocket Positioning Applications

---

Durafil Water Soluble Thread (WST)

---

Technical Application Reference Document

---

## 1. Introduction

Jacket pocket positioning is a precision assembly operation in garment manufacturing where accurate alignment and structural stability are important during multi-stage garment construction.

Jacket manufacturing frequently involves layered constructions, lining systems, interfacing materials, and shaped garment panels requiring controlled positioning during assembly.

Temporary stabilization is commonly required to maintain pocket alignment prior to permanent stitching and final garment construction.

Durafil Water Soluble Thread (WST) can be used for temporary jacket pocket positioning during garment manufacturing operations.

After washing, the temporary stitches dissolve and disappear.

## 2. Production Challenge

Jacket pocket assemblies are often integrated into complex garment structures involving multiple construction stages and repeated handling during production.

Common challenges include:

- Movement of pocket components during assembly
- Shifting of layered fabric structures
- Maintaining alignment on shaped garment panels
- Stabilizing pocket constructions during repeated handling
- Maintaining consistency on structured garments

Compared with simpler garment constructions, jacket manufacturing typically requires greater positional control during assembly operations.

---

## 3. Traditional Pocket Positioning Methods

Conventional jacket manufacturing often uses:

- Manual temporary stitching
- Temporary tacking with conventional thread
- Positioning stitches prior to permanent assembly

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

## 4. Limitations of Conventional Temporary Stitching

Manual removal of temporary stitches may create operational difficulties, including:

- Increased labour during finishing
- Slower production workflow
- Additional handling of structured garments
- Risk of accidental fabric cutting
- Disturbance of layered garment constructions

The challenges become more significant on:

- Tailored jacket constructions
- Lined garments
- Structured woven fabrics
- Shaped garment panels
- Multi-layer pocket assemblies

Because jacket construction often involves multiple internal layers, unnecessary handling during finishing may also increase assembly complexity.

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

Durafil Water Soluble Thread (WST) provides a temporary stitching solution for jacket pocket positioning.

The thread stabilizes pocket components during garment assembly while behaving similarly to a conventional sewing thread during production.

During washing, the temporary stitches dissolve automatically.

This removes the need for manual stitch removal after sewing.

---

## 6. Typical Jacket Pocket Applications

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

- Welt pockets
- Flap pockets
- Patch pockets
- Internal jacket pockets
- Structured pocket constructions
- Lined garment pocket assemblies

The thread may be used wherever temporary pocket stabilization is required prior to permanent stitching.

## **7. Operational Benefits**

### **Improved Pocket Alignment Stability**

Temporary stitches help maintain alignment of pocket structures during repeated handling and assembly operations.

### **Reduced Manual Labour**

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

### **Reduced Risk of Construction Disturbance**

The elimination of manual stitch removal helps reduce the risk of:

- Accidental cutting damage
- Disturbance of layered garment structures
- Shifting of pocket assemblies
- Seam disruption during finishing

### **Improved Production Flow**

Pocket assembly can proceed without requiring separate manual stitch removal stages after sewing.

## Improved Consistency on Structured Garments

Temporary stabilization supports more consistent pocket positioning during structured jacket manufacturing operations.

---

## 8. Suitable Jacket Fabrics

Applications may be suitable for:

- Wool blend fabrics
- Structured woven fabrics
- Polyester/wool blends
- Lined jacket constructions
- Medium to heavy woven fabrics
- Tailored garment fabrics

Production trials are recommended for specific fabric constructions.

## 9. Production Outcome

Using Durafil Water Soluble Thread (WST) for jacket pocket positioning may help garment manufacturers:

- Improve pocket positioning consistency
  - Reduce finishing labour
  - Simplify handling of structured garments
  - Improve assembly workflow
  - Support stable construction of layered pocket systems
- 

## 10. Related Jacket Assembly Applications

Additional jacket manufacturing applications may include:

- Lapel stabilization
- Lining alignment
- Collar positioning
- Layered fabric positioning
- Temporary seam holding

## 11. Disclaimer

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

Users are responsible for conducting suitability trials prior to commercial production.

---

## 12. Technical Support

For technical information regarding Durafil Water Soluble Thread (WST):

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