

Pocket Positioning Applications in Garment Manufacturing

Durafil Water Soluble Thread (WST)

Technical Application Reference Document

1. Introduction

Pocket positioning is a common operation in garment manufacturing where pockets must be temporarily held in place before permanent stitching is completed.

Accurate pocket positioning is important for:

- Garment appearance
- Dimensional consistency
- Production quality
- Assembly efficiency

Durafil Water Soluble Thread (WST) can be used as a temporary stitching solution during pocket assembly operations.

After washing, the temporary stitches dissolve and disappear.

2. Production Challenge

During garment assembly, pockets often require temporary stabilization before final sewing operations.

Common production challenges include:

- Pocket movement during sewing
- Inconsistent positioning
- Shifting during handling
- Difficulty maintaining alignment on lightweight fabrics

Factories traditionally use temporary stitches to stabilize the pocket before final attachment.

3. Traditional Method

In conventional garment production, temporary pocket 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 fabrics, manual stitch removal may increase the risk of:

- Surface damage
 - Yarn pulls
 - Marking
 - Accidental cutting of the garment
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5. Durafil Water Soluble Thread (WST) Solution

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

The thread behaves like a normal sewing thread during assembly operations, holding the pocket 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 Pocket Positioning Applications

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

- Shirt pockets
- Trouser pockets
- Uniform pockets
- Workwear pockets
- Jacket pockets
- Decorative pocket constructions

The thread may be used wherever temporary pocket stabilization is beneficial during production.

7. Operational Benefits

Using Durafil Water Soluble Thread (WST) for pocket positioning can provide several operational advantages.

Reduced Labour

Temporary stitches dissolve during washing, reducing manual labour associated with stitch removal.

Improved Workflow

Pocket positioning and garment assembly can proceed without requiring a separate stitch removal operation.

Reduced Risk of Fabric Damage

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

This is particularly beneficial for:

- Lightweight fabrics
- Delicate fabrics
- Tightly woven constructions

Cleaner Garment Finishing

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

8. Garment Types

Pocket positioning applications using Durafil Water Soluble Thread (WST) may be suitable for:

- Shirts
- Trousers
- Uniforms
- Jackets
- Workwear
- Fashion garments

Production trials are recommended for specific garment constructions.

9. Production Outcome

Using Durafil Water Soluble Thread (WST) in pocket positioning operations may help garment manufacturers:

- Simplify assembly workflow
- Reduce manual finishing operations
- Improve production consistency
- Reduce handling complexity
- Improve operational efficiency

10. Related Application Areas

Additional temporary stitching applications may include:

- Collar positioning
 - Cuff alignment
 - Placket stabilization
 - Quilting alignment
 - Embroidery stabilization
 - Multi-layer fabric positioning
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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

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

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