

Type THL

Construction Guidelines for Garments

Allow 24 hours for recovery of Thinsulate™ Lite Loft™ Insulation after removal from vacuum pack.

Types THL1, THL2 and THL3 may be free hung in edge-stabilized constructions not exceeding 22" x 22".

Thinsulate Lite Loft insulation may be quilted using conventional quilting equipment. Quilt spacings less than 4" are discouraged in order to maintain maximum warmth.

THL4 requires a quilt-through construction. Channel quilts of 4" to 7" are recommended. Thorough garment testing is necessary for quilt dimensions outside of the recommended range.

For waterproof constructions, durability can be enhanced by providing a means to allow water to more easily escape from the garment during washing. This minimizes stress on the insulation during agitation and water extraction.

For scrims, please consult your 3M sales representative. Fiber migration should be expected with textured fabrics, micro-coated fabrics or taffetas, especially for constructions having less than 86 picks. Applications with textured, coated or waterproof breathable fabrics may also cause abrasion due to surface friction. All constructions, regardless of pick count, should be evaluated for fiber migration following the previously stated instructions.

Construction Guidelines for Gloves

Allow 24 hours for recovery of Thinsulate™ Lite Loft™ Insulation after removal from vacuum pack.

Quality lamination processes will result in loftier and warmer end products.

A tricot or scrim must be used between the Thinsulate Lite Loft insulation and the outer shell of the glove.

Consult the Product Brand Usage Standards for additional usage information.

Care

Machine wash cold, delicate cycle. Tumble dry, low heat. Do not steam press. Cool iron. Dry cleaning may reduce loft.

Type PT

Construction Guidelines for Garments

Thinsulate™ Insulation Type PT may be quilted using conventional quilting equipment.

A quilt-through construction of 4" to 10" channel quilts is recommended. Testing is necessary for quilt dimensions outside this range.

Follow above instructions to check for potential fiber migration.

Care

Machine wash cold, delicate cycle. Tumble dry, low heat. Do not steam press. Cool iron. Dry cleaning may reduce loft.

Type FX

Construction Guidelines

Thinsulate™ Insulation Type FX may be quilted or laminated. Use of scrim is recommended against any textured surface.

A quilt-through construction of 4" to 6" channels is recommended for non-laminated applications.

Single pass laminated constructions may be used in applications up to 12" x 18". Dual pass laminated constructions (tri-laminates) may be used in applications up to 22" x 22". Please consult your sales representative for constructions outside these recommendations.