



CORFLEX®

Designed for life.

Lace Align™ Spinal Orthosis

TLSO Version

APPLICATION INSTRUCTIONS

CORFLEX.COM 800 426 7353

Adjusting and sizing the brace:

The Lace Align TLSO Spinal Orthosis incorporates a back panel that is preset at 5° of lordosis and can be adjusted using a heat gun. Adjustments should be made by a therapist or orthotist trained in fitting and molding high temperature plastics.

1. Adjusting the back panel

- Fabric cover must be removed prior to adjusting. Flexing/bending the back panel will aid in removal and re-application of the fabric cover.
- Hold heat gun 3-5" from the surface and apply heat to the plastic side of the back panel for 30-45 seconds, moving the gun back and forth continuously. Never apply heat to the foam surface. Adjust curvature as needed and hold until cool (approx. 30 seconds).
- Never mold the back panel directly to the patient. Allow to fully cool before reapplying fabric cover.



2. Setting belt length



Brace comes preset at the second stitch line to fit a 40" circumference. Each stitch mark adjusts the circumference 5" . .

- Measure patient's waist and hip circumference. If larger than 45" in circumference, optional Extension Kit is required (sold separately).
- Brace is preadjusted to fit a 40" waist/hip circumference. If adjustment is needed open brace and lay flat.
- Peel up edge of belt and slide until the desired length is achieved.
- Fold belt end over and press to secure hook and loop closure. Repeat for opposite side, both right and left must be adjusted equally for proper brace performance.

3. Setting shoulder harness height



- Measure length from base of the neck (C7 vertebrae) to top of sacrum to determine overall brace height.
- Separate hook and loop closure between the back panel and harness, as shown. Slide shoulder harness until desired back height is achieved.
- Secure harness height by firmly pressing hook and loop fasteners together.

Brace application

1. Preparing/resetting the brace



- Prior to each application make sure the brace is extended.
- Place the pull-tabs 2" from each side of the back panel and pull the ends of the belt away from each other to ensure it is fully lengthened.

2. Positioning and applying the brace



1. Loosen both shoulder straps and slide brace onto shoulders, similar to applying a backpack. Center the back panel on the lower back.
2. Slide fingers through the loops on the belt ends to aid application.
3. Wrap belt around abdomen and overlap ends, right over left. Press firmly to engage hook and loop closure. When applied correctly, brace should fit snug at top and bottom. If there is a gap, reapply and angle ends to ensure a snug fit at upper/lower edges.

3. Tightening the brace



1. Slide thumbs through pull-tab holes and pull them away from the body. Right pull-tab controls lower compression and left pull-tab controls upper compression.
2. Apply tension until desired support is achieved.

4. Adjusting harness and sternum strap



1. Sternum Strap improves comfort by pulling the shoulder straps away from the axilla. Fasten buckle and tighten strap for a comfortable fit.
2. Sternum Strap can also be removed completely if desired. Buckle is slotted to facilitate removal/reapplication without cutting any strapping.
3. Adjust Shoulder Straps at top buckle (near axilla). Pull to tighten until straps fit properly and desired degree of spinal extension is achieved.
4. Straps should not be too tight as to cause discomfort or dig into axilla.

5. Adjustment and removal



1. Wrap pull-tabs around the front of the brace, securing to loop on the outside of the brace.
2. For comfort while seated, lessen tension on the upper portion of the back panel (left pull-tab). Reapply tension upon rising.
3. When removing the brace, lift pull-tabs to release tension and relocate them to the ready position as shown in Step 1.

Care instructions:

Product should be hand washed only using warm water and detergent for delicate fabrics, repeatedly rinsed and line dried only. Do not use bleach or place in a dryer. Plastic/foam back panels can be cleaned using warm water and a mild disinfectant. Do not immerse brace in liquids.

Caution:

This product has been designed and tested for single patient use only. It should never be used by multiple patients. If additional pain or symptoms occur while using the device, seek medical attention. Product should be applied by a licensed or certified healthcare practitioner and as prescribed by a physician or other qualified medical authority. Brace is not meant to be worn during sleep or while bathing.

Indications:

Indicated for lower back pain, sprains/strains, kyphosis, decompressive procedures, degenerative disc disease, bulging/herniated discs, compression fractures, post-op stabilization, spondylolisthesis, spinal stenosis, spondylosis, or severe DJD

Contraindications:

Contraindicated for unstable, displaced fractures, women who are pregnant, persons with circulatory, pulmonary, cardiovascular or other conditions where increased abdominal pressure could worsen risks.

Warranty:

Products manufactured by Corflex are warranted to the original purchaser against defects in workmanship and material for the life of the product. The foregoing warranty shall not apply to normal wear and tear; or if the product has been subjected to misuse or misapplication the warranty will be voided at the discretion of Corflex.

To Reorder:

Product Number	UNIV
Lace Align - TLSO	35-3300
Sizing	25" - 45"
Accessories	
Extension Kit-16"	35-3904

Sizing: Fits waist circumference of 25" to 45", use Extension Kit for circ. up to 70". .
Measurement taken from waist/hip circumference. Use larger of the two circumferences.

