

Smooth Overlap



Anterior View



Left Lateral
View



Posterior View

Product Overview

The LSO Flex Foam® 2 - Bivalve is a low profile orthosis designed to support the lower spine. The brace inhibits movement within the lumbar and sacral area to progress healing of the spine and prevent further injury. The Flex Foam® 2 design is fabricated with the frame sandwiched between a soft foam inner liner and firm foam outer liner.

Spinal Indications

- Herniated Disc
- Low Back Pain
- Lumbar Instability
- Compression Fracture
- Spondylolysis
- Degenerative Disc Disease
- Spinal Stenosis

Features

- The inner frame can be fabricated with any desired plastic type and thickness for desired rigidity.
- Accommodates volume changes.
- Lightweight.
- The Flex Foam® design works well with both the geriatric and pediatric population.
- Increased comfort for wheelchair patients.

Bivalve Opening: Overlap Options & Configurations

Bivalve Opening Overlap Options:

Smooth Overlap (Pictured), Step Overlap, With Tongues

Bivalve Configurations:

Anterior over Posterior, Anterior into Posterior

Send your orders to:
orders@spinaltech.com

Send your CAD files to:
cad@spinaltech.com

For product options see
reverse side.

Product Options

Recommended Plastic

Copolymer (CP) 1/8" or 5/32" depending on patient size (Call for available color options)

Available Plastics

Polyethylene (PE) 3/32", 1/8", 5/32", 3/16" (Least Rigid)

Modified Polyethylene (MPE) 1/8", 5/32", 3/16" (Semi Rigid) (if Transfer pattern is requested)

Standard Flex Foam® Liner

1/4" (soft) x 1/8" (firm)

Other Liner Thickness Available

3/16" (soft) x 1/8" (firm)

1/8" (soft) x 1/8" (firm)

Spinal Reliefs

Surgical relief (wide and gradual)

Spinous Process (narrow)

Sternal Extensions

Sternal Shield (axilla or shoulder straps)

Cow Horns

C.A.S.H. Pad - Cruciform Anterior Spinal Hyperextension (articulating pectoral pads)

Loops & Chafes

Plastic Loop and Chafe

Extended Plastic Chafe

Extended Dacron Chafe

Fasteners

Screws and Barrel Nuts

Speedy Rivets

Send your orders to:
orders@spinaltech.com

Send your CAD files to:
cad@spinaltech.com

3.24

Flex Foam® 1 - Overlap Options



Bivalve Flex Foam® I
- Anterior into
posterior trim foam



Anterior over
posterior trim foam



Anterior into
posterior foam
overlapping foam



Open with tongues



Anterior over
posterior foam
overlapping foam

Send your orders to:
orders@spinaltech.com

Send your CAD files to:
cad@spinaltech.com

3.24