



Anterior View



Left Lateral
View



Posterior View

Product Overview

The LSO with a bivalve opening allows for tightening on both sides, connecting the anterior and posterior. The low profile orthosis allows compression, expansion, adjustability and good lateral control.

Spinal Indications

- Post-Operative Lumbar Surgery
- Degenerative Disc Disease
- Spondylolysis
- Spinal Stenosis
- Compression Fracture
- Herniated Disc
- Low Back Pain

Features

- Bivalve design allows for maximum anterior and posterior control.
- Accommodates volume changes.
- Sternal shield can be added to control flexion or enhance an extension force.

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

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)

Available Plastics

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

Recommended Aliplast Liner

3/16" Aliplast

Other Liner Thickness Available

1/8", 1/4" Aliplast
Note: This orthosis can also be unlined.

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

Other available options

Paraspinal reinforcements