

# HORIZON™

## The Right Size for Every Body



Comfortably Fits 24–70"

Simple pull-through sizing allows one brace to fit waists ranging from 24 to 50 inches and up to 70 inches with the extension panel. No cutting required. Horizon's ergonomic and low-profile design may be comfortably worn under clothing.



### Embroidered Size Indicators

Easy to fit and adjust sizes. Use indicator references to quickly match up to waist measurements or pant sizes.



Horizon 456 TLSO



Horizon 637 LSO



Horizon 631 LSO



Horizon 627 Lumbar



Horizon PRO  
(Pain Relief Orthosis)

### The Right Brace for Every Condition

The Horizon Lower Spine Line is designed to provide the needed support, motion restriction and pain relief. Each Horizon brace can be easily stepped down to the Horizon PRO (Pain Relief Orthosis) for the treatment of recurring low back pain.

Horizon 627 Lumbar	_____	<b>993710</b>
Horizon 631 LSO	_____	<b>993720</b>
Horizon 637 LSO	_____	<b>993730</b>
Horizon 456 TLSO	_____	<b>993740</b>
Horizon Extension Panels	_____	<b>993745</b>
Therapy Pack	_____	<b>990005</b>

## Aspen Fit. Aspen Quality. Aspen Advantage.

**Integrated Anterior Panels**

An anterior panel on each end of the brace guarantees effective midline support. Aspen's innovative FlexTab™ design disperses pressure and naturally conforms to patient anatomy for increased comfort.

\*Horizon 631 shown in 24" configuration

**Ergonomically Designed Molded Pull Tabs**

Easy to locate by feel and designed for a comfortable pull. Bonded and stitched material increases strength and durability.

**Reliable Structural Integrity**

Tri-band technology system and integrated vertical stays provide stability and maintain structural integrity for effective compression and flexibility.

**Stability and Comfort**

Breathable mesh spacer fabric for increased comfort.

**4:1 Independent Compression Mechanism**

Mechanically advantaged SlickTrack™ tightening system independently tightens top and bottom allowing patients to localize compression where needed for maximum pain relief.

**Horizon 456 TLSO**

**Custom Support**

Firm but flexible back panel naturally conforms to patient lordosis while providing true structural support.

**A Height for Every Body**

Telescoping shoulder straps provide 13 inches of height adjustment to effectively fit even the tallest patients.

**Open Shoulder Strap Configuration**

MemoryFlex™ open configuration shoulder straps make donning and doffing easy while providing optimal flexion and rotational control.

**Inelastic Braces More Effective at Controlling Low Back Pain**

Recent research shows that the effectiveness of an LSO in relieving lower back pain depends on how well the brace improves trunk stability.<sup>1</sup> Inelastic braces are more effective than elastic braces in augmenting trunk stiffness<sup>1</sup> allowing overtaxed low back muscles to relax<sup>2,3</sup> Aspen braces, including the Horizon line, are inelastic by design.

1. Cholewicki J, Lee AS, Reeves NP, Morrisette DC. Comparison of trunk stiffness provided by different design characteristics of lumbosacral orthoses. *Clinical Biomechanics*. 2010; 25(2): 110-4.
2. Cholewicki vv, Reeves NP, Everding VQ, Morrisette DC.. Lumbosacral orthoses reduce trunk muscle activity in a postural control task. *Journal of biomechanics*. 2007; 40(8): 1731-6.
3. van Dieen JH, Selen LPJ, Cholewicki J. Trunk muscle activation in low-back pain patients, an analysis of the literature. *Journal of Electromyography and Kinesiology*. 2003; 13(4): 333-51.