



Life Changing Innovation



**HORIZON**

The Right Size for Every Body

# HORIZON Adjustable Braces

Offering Effective Support and Pain Relief



The Horizon™ line of fully adjustable, inelastic spinal braces offers a clinically proven treatment option for patients experiencing low back pain. Combining a therapeutic level of support and direct independent compression, Horizon braces provide a non-invasive, non-narcotic solution to relieve pain and enable patients to regain activities of daily living.

## The Right Size for Every Body

**24-70<sub>IN</sub>**

Simple pull-through sizing allows one brace to fit waists ranging from 24 to 50 inches and up to 70 inches with the extension panels. Horizon's ergonomic and low-profile design may be comfortably worn under clothing.

### Minimum Inventory, Maximum Cost Savings

One size adjustable means the correct size is always on hand, minimizing inventory requirements and significantly reducing costs.



## Inelastic Braces Proven Effective in Controlling Low Back Pain

Research shows that inelastic LSO's are significantly more effective at improving trunk stability than elastic braces,<sup>1,2,3</sup> a key factor in relieving pain. Increased trunk stability reduces the load on overtaxed muscles,<sup>4</sup> which can dramatically reduce low back pain. Aspen braces are inelastic by design for maximum pain relief.

1. Morrisette DC, Cholewicki J, Logan S, Seif G, McGowan S. A randomized clinical trial comparing extensible and inextensible lumbosacral orthoses and standard care alone in the management of lower back pain. *Spine*. 2014.
2. Cholewicki J, Lee AS, Reeves NP, Morrisette DC. Comparison of trunk stiffness provided by different design characteristics of lumbosacral orthoses. *Clinical Biomechanics*. 2010.
3. Cholewicki J, Reeves NP, Everding VQ, Morrisette DC. Lumbosacral orthoses reduce trunk muscle activity in a postural control task. *Journal of Biomechanics*. 2007.
4. van Dieën JH, Selen LPJ, Cholewicki J. Trunk muscle activation in low-back pain patients, an analysis of the literature. *Journal of Electromyography and Kinesiology*. 2003.





### Mold • Bend • Trim Easy Access for Custom Modification

All structural components are easily removed and can be heat molded, bent or trimmed to further customize the brace to accommodate individual patient conditions.



### One Size Adjustable

Pull-through sizing mechanism allows for quick and easy adjustment, without the use of tools.

### Integrated Anterior Panels

Anterior panels at each end of the brace overlap to guarantee effective midline support. Aspen's innovative FlexTab™ Technology disperses pressure and naturally conforms to each patient's anatomy for increased comfort.

### Horizon 637 Lateral Panels

Provides increased lateral control for patients in need of additional support. Panels can be removed to support patient recovery.



### Reliable Structural Integrity <sup>Ⓐ</sup>

Tri-band technology system and integrated vertical stays provide stability and structural integrity for effective compression, while allowing for flexibility where needed.

\*Horizon 637 LSO shown in smallest configuration

### Stability and Comfort

Breathable mesh spacer fabric for increased comfort.



### Custom Support <sup>Ⓐ</sup>

When tightening, firm but flexible back panel naturally conforms to the patient's lordosis to provide true structural support.



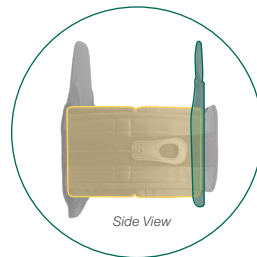
### Independent Tightening Mechanism <sup>Ⓐ</sup>

Aspen's patented 4:1 mechanically advantaged SlickTrack™ tightening system independently tightens top and bottom allowing patients to localize compression where they need it for maximum pain relief.



### A Height for Every Body

Telescoping shoulder straps on the Horizon 456 provide 13 inches of height adjustment to effectively fit even the tallest patients. This, along with circumferential adjustability, enables the right fit for every body.



### Added Motion Restriction in a Low Profile Design <sup>Ⓐ</sup>

The Horizon 639 features a tall, rigid anterior panel and overlapping lateral/ anterior panels that provides flexion and lateral motion restriction without compromising comfort. The xiphoid extension can be angled as needed or removed for shorter patients.

● Two Lateral Panels ● Anterior Panel

### The Right Brace for Every Condition <sup>Ⓐ</sup>

Regardless of which configuration a patient requires initially, all Horizon braces can be stepped down to the Horizon PRO (Pain Relief Orthosis), the lowest-profile option to help manage recurring back pain as needed.



### Horizon PRO



## The Aspen Advantage

Aspen Medical Products builds the finest spinal braces on the market. With an unparalleled commitment to Research and Development, Aspen has brought to market numerous unique features, marked by the Aspen Advantage logo. These features yield real benefits for practitioners and patients. In addition, Aspen braces are backed by more than 30 years of clinical research that substantiates the safety,

efficacy, superior comfort and improved patient outcomes that these products provide. Quality products you can count on with features that make a positive difference. That's the Aspen Advantage.



### The Aspen Advantage Symbol

An innovative feature available only from Aspen

# Giving Experts Modification Options

Aspen Spinal Braces provide unique opportunities to access structural components to remove, trim, bend, mold, assemble and provide individualized customization options. This enables experts to significantly modify each brace to treat specific patient indications, aid with the treatment of different diagnoses and adapt to different bracing treatment philosophies or physician direction. Made of high quality materials such as nylon, high-density and low-density polyethylene plastics and non-ferrous metals, these durable and resilient components not only provide the best support, they allow for significant modification without breaking, buckling or cracking that can occur with lower quality materials. Trimming, bending, and molding are only a few ways in which Aspen braces can be significantly modified to further improve patient outcomes.

For more information on how Aspen braces can be significantly modified, or for documentation templates, contact your local Aspen Sales Representative or visit [aspenmp.com/product-modifications](https://aspenmp.com/product-modifications).



## Sizing Information

Waist Circumference	
24 —————> 50	—————> 70
24-50 in (61-127 cm)	Up to 70 in (178 cm)
Horizon One Size Adjustable Horizon 456 TLSO · Horizon 639 LS0 · Horizon 637 LS0 · Horizon 631 LS0 · Horizon 627 Lumbar	Horizon Extension Panels Adds 20 in (51 cm)

## Product Information

Horizon	Horizon 456 TLSO	993740
	Horizon 639 LS0	993735
	Horizon 637 LS0	993730
	Horizon 631 LS0	993720
	Horizon 627 Lumbar	993710
Accessories	Horizon Extension Panels	993745
	Therapy Pack	990005