

Aspen Horizon™ Lower Spine Braces

The Aspen Horizon line of inelastic braces offers a clinically tested treatment option for patients experiencing muscle fatigue and spasms, which can cause pain. Combining support and targeted compression, Horizon braces provide a non-invasive, non-narcotic option that is designed to help patients regain activities of daily living.

One Size Adjustable

Comfortably fits waists ranging from 24 to 50 inches and up to 70 inches with the extension panels. Simple pull-through mechanism offers multiple sizes in one brace, enabling each brace to comfortably fit various patient shapes and sizes. One size adjustable means the correct size is always on hand, minimizing inventory requirements and significantly reducing costs.



Aspen Pain Therapy Braces Proven Effective in Promoting Trunk Stability



Research shows that inelastic braces are significantly more effective at improving trunk stability than elastic braces,^{1,2,3} a key factor in relieving muscle spasms which can cause pain. Increased trunk stability reduces the load on overtaxed muscles,⁴ so tightened and fatigued muscles can relax. Aspen lower spine braces are inelastic by design, backed by years of innovative research and development.

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 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.

A The Aspen Advantage Symbol
An Innovative Feature Available only from Aspen

Integrated Anterior Panels

Anterior panels overlap to provide enhanced midline support. Featuring Aspen's innovative FlexTabs™, these panels disperse pressure and naturally conform to the anatomy for added comfort.

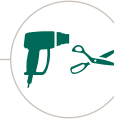
Reliable Structural Integrity

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



One Size Adjustable

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



Easy Access for Modification

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



Custom Support

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

Independent Tightening Mechanism

Aspen's patented 4:1 mechanically advantaged SlickTrack™ System features an independent upper and lower tightening mechanism, providing direct compression where needed to support tight muscles.

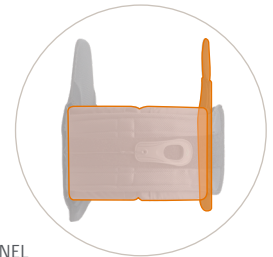


Height Adjusts for Every Body

Telescoping shoulder straps on the Horizon 456 provide 13 inches of height adjustment to fit varying patient anatomies. In addition, circumferential adjustability enables a customized fit for every body.

Added Motion Restriction in a Low Profile Design

The Horizon 639 features a tall, rigid anterior panel and overlapping lateral/anterior panels that provide 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 Multiple Needs

Regardless of which configuration a patient requires initially, all Horizon braces can be stepped down to lowest-profile option for the treatment of reoccurring ailments.

FITS WAIST CIRCUMFERENCE RANGING FROM 24-50 IN (61-127 CM) AND UP TO 70 IN (178 CM) WITH ASPEN EXTENSION PANEL

Aspen Horizon™ 456 TLSO - Code L0456 Approved	993740	Aspen Horizon™ 627 Lumbar - Code L0627 Approved	993710
Aspen Horizon™ 639 LSO - Code L0639 Approved	993735	Aspen Horizon™ Extension Panels - 20 in (51 cm)	993745
Aspen Horizon™ 637 LSO - Code L0637 Approved	993730	Therapy Pack	990005
Aspen Horizon™ 631 LSO - Code L0631 Approved	993720		

