

# HORIZON™

## 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

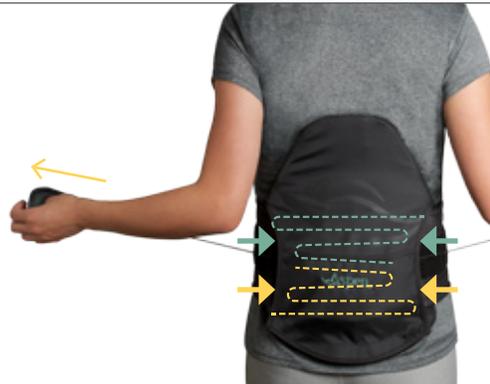
Tri-band technology system and integrated vertical stays provide stability and maintain structural integrity for effective compression and flexibility.

### 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.



### Design Backed By Research

#### 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 v, 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.

### Custom Support

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



Horizon 637 LSO Distributed By:



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Horizon 637 LSO Manufactured By:



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