



Innovative 3D Printed Design:

Advanced 3D printing enables precise fabrication and functional design features, including auxetic structures that flex and expand around the malleoli for added comfort, variable wall thickness for targeted support, and durable color-dyed materials that maintain their vibrancy.



Comfort that Encourages Wear:

Lightweight, flexible materials and a perforated design offer breathability and freedom of movement. The low-profile silhouette and narrower heel post allow the SMO3D to fit into shoes more easily, supporting more consistent wear.



Clinically Trusted Results:

Rooted in the same compression-based approach used in the fabrication of nearly 2 million SMOs worldwide, the SMO3D is designed to deliver results clinicians can rely on.

OUR REVOLUTIONARY SMO, NOW IN 3D.

More than 25 years ago, Surestep redefined how clinicians support children with hypotonia by introducing a compression-based SMO that set a new standard of care. The Surestep SMO3D builds on that clinically trusted foundation, now re-imagined through modern 3D printing.

Lightweight and flexible, this next-generation design provides the support needed to improve balance and coordination without restricting movement. Purposefully engineered to meet the needs of patients and practitioners, the SMO3D brings proven Surestep principles into a new era of orthotic care.



The lattice structure over the malleoli is great, it allows for increased flexibility and compliance while still being able to be heat relieved if needed for additional modification.

- Brianna Sehrer, MSOP, CPO

Contact Us

Call 877.462.0711 or email info@surestep.net to speak with our Customer Service team.

Let's Stay in Touch

SMO3D

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PRODUCT FEATURES:

Flexible: Auxetic structures built over the malleoli for added flexibility over bony prominences

Lightweight: Designed to be a lightweight solution to improve patient comfort and compliance

Shoe-Friendly:
Thin, smooth surface and narrow heel post allow the device to fit easily into shoes

Breathable: Perforated design throughout allowing for cooler, more comfortable fit



Targeted Support: Custom wall thickness throughout the device provide stability without added bulk

Reinforced rivet holes: Solid, non-perforated material around the rivet hole provides added strength and long-term durability

Durable Color:
Dyed color that lasts the duration of treatment

Color Options:

Light Gray, Dark Gray, Green, Teal, Pink



Technical Specifications:

- 3D Printed from PA12 Nylon Filament
- Fabricated based on measurements, cast, or scan
- Weight limit ≤ 50 lbs

Remake Policy:

- Surestep has a 90-day remake policy for all custom devices. A remake is warranted for any manufacturing defect or in the case of sudden growth or inadequate fit and function. Surestep reserves the right to charge additional fees when deemed necessary.

LEARN MORE
ABOUT SMO3D

