



# Custom Prepreg AFO

Lightweight, durable stabilization

Ottobock's expertise in custom orthotic fabrication and carbon composites come together to produce an inspiring custom AFO. Crafted from carbon prepreg, this lightweight and low-profile AFO provides a solution for individuals with plantarflexion weakness and those needing triplanar support for the foot and ankle. The design stores and returns energy for propulsion while providing function of the soleus muscle and third rocker mechanics (heel-off). This latest addition to the Ottobock line of AFOs is custom-made to match your patient's specific height, weight and activity level.

Quality for life

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## Benefits

- Lightweight, low-profile design for greater acceptance
- Energy dynamics of carbon prepreg for improved gait and energy return
- Custom design for greater stability and the ability to control deformities
- Ottobock experience and expertise in carbon composites

## Indications

- Plantar flexor absence or weakness
- Tri-planar instability or deformity of the foot and/subtalar joint
- May be used in combination with drop foot

## Standard AFO Build

The AFO standard default build includes pre-preg exterior shell and supramalleolar molded inner boot. The inner boot is removable. A molded to patient model polyethylene soft interface is used at the calf shell to protect user from carbon edges. A custom molded to patient model, anterior tibial shell option is available when greater control for plantar flexor weakness is required.

The proximal strap will be made of Dacron® and attached laterally. A loop velcro instep strap will be supplied to secure the inner boot attached with self-stick hook. The pre-preg frame will have a satin carbon finish.

For more information regarding this Custom Carbon AFO (636762) or any other Ottobock custom product, talk to your Ottobock Sales representative today.



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