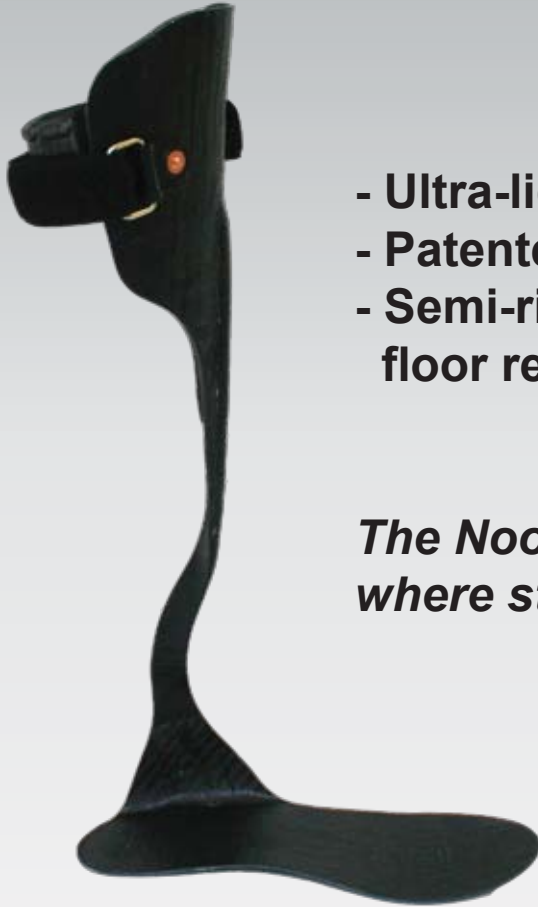


The Noodle® TA AFO

Advanced Carbon Fiber Brace
for Foot Drop



- Ultra-lightweight, thin and durable
- Patented carbon fiber composite design
- Semi-rigid strut that produces a dynamic floor reaction for optimal control

The Noodle® TA flexes well beyond the point where standard carbon fiber AFO's break

US Patent 6,146,344

made with:



Function + Style + Value



THE CARBON FIBER SPECIALIST

WWW.KINETICR.COM

The Noodle® TA AFO Advanced Carbon Fiber Brace



Unique Features of The Noodle® TA AFO:

- Patented carbon fiber composite design that is more flexible than standard carbon fiber AFO's to optimize mobility
- Fusion - Kinetic Research's patent pending process that provides unique flexibility
- Anterior shell design with energy storing carbon fiber composite dynamic lateral strut and footplate to effectively treat foot drop

The Noodle® TA AFO is designed to:

- Control foot drop and assist with correct heel strike during gait
- Accommodate plantar flexion tone with variable flexibility foot plate
- Facilitate heel to toe weight transfer with weight bearing
- Provide flex assist at toe-off to increase ankle power at push off
- Provide a swing assist during the swing phase of gait
- Encourage knee extension with improved ankle / foot biomechanics to improve gait efficiency

Indications for The Noodle® TA AFO:

- Flacid foot drop
- Knee flexion control
- Partial foot amputation

Dynamic Performance

The Noodle® TA carbon fiber composite ankle foot orthosis is lightweight yet extremely durable. It is ideal for users with varying degrees of foot drop who would benefit from a dynamic energy storing AFO to improve gait. The flexible footplate and flexible strut facilitate a more natural gait than more rigid carbon fiber AFO's.

The Noodle® TA AFO provides gait assistance by controlling plantar flexion and reducing energy consumption with dynamic swing assist and improved ground clearance. Heel-strike stores energy then toe-off releases energy for dynamic performance.

A Handcrafted Carbon Fiber AFO Brace

The Noodle® TA is handcrafted by expert technicians skilled in carbon fiber composite fabrication. This allows for a custom precision fit that optimizes performance and efficacy. The Noodle® is available in either Off-the-shelf, Built-to-spec or Custom-from-cast models.

Off-the-shelf Standard Sizes

Size	Foot Plate	Lateral Shell	Proximal Shell
X-Small	8"	2.5"	13"
Small	9"	2.5"	14"
Medium	10"	3"	15.5"
Large	11"	3.5"	17"
X-Large	12"	3.5"	17"

Call or visit our website for details



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