

**FAMILY OF
ANKLE
FOOT
ORTHOSES
PRODUCTS**

- ▶ AFO Dynamic
- ▶ AFO Leaf Spring
- ▶ AFO Light



ROYCE MEDICAL®



Life Without Limitations

AFO Light

The OSSUR® AFO Light provides necessary support only where it is needed thus eliminating unnecessary bulk and providing a cosmetically appealing look. Utilizing the best of Flex-Foot® technology and the energy storing properties of carbon fiber, the AFO Light offers a strong and lightweight solution for people with mild to moderate drop foot.

INDICATIONS:

- Mild to moderate drop foot

CONTRA-INDICATIONS:

- Severe ankle-foot deformities
- Severe spasticity
- Fluctuation edema
- M-L instability
- Extreme activity

AFO Product Numbers:

AFO Light in black start with O-1210

AFO Light in beige start with O-1215

Part #	Product name	Side	Size
O-121X12	Ossur AFO Light & ACC.	Right	Small
O-121X22	Ossur AFO Light & ACC.	Left	Small
O-121X14	Ossur AFO Light & ACC.	Right	Medium
O-121X24	Ossur AFO Light & ACC.	Left	Medium
O-121X16	Ossur AFO Light & ACC.	Right	Large
O-121X26	Ossur AFO Light & ACC.	Left	Large
O-121X18	Ossur AFO Light & ACC.	Right	X-Large
O-121X28	Ossur AFO Light & ACC.	Left	X-Large

Quality assurance:

Ossur AFO Light is developed and produced according to ISO 9001.

Ossur AFO Light fulfills the requirements for CE marking.



AFO Leaf Spring

The OSSUR® AFO Leaf Spring is a prefabricated polypropylene ankle foot orthosis designed to support flaccid drop foot. It provides a semi-rigid section for toe clearance and support, yet it has a thin flexible foot plate for easy trimming. The absence of a heel section makes the OSSUR® AFO Leaf Spring more comfortable to wear and provides a better fit in shoes.

INDICATIONS:

- Drop foot secondary to CVA
- Mild drop foot secondary to other neurological pathologies

Size selection:

Available in two sizes: 27cm and 30cm (for left and right feet)

AFO Leaf Spring Product Numbers:

Part #	Product name	Side	Height
O-110127	Ossur AFO Leaf Spring	R	27cm (10 3/4")
O-110227	Ossur AFO Leaf Spring	L	27cm (10 3/4")
O-110130	Ossur AFO Leaf Spring	R	30cm (12")
O-110230	Ossur AFO Leaf Spring	L	30cm (12")

Quality assurance:

Ossur AFO Leaf Spring is developed and produced according to ISO 9001.

Ossur AFO Leaf Spring fulfills the requirements for CE marking.



AFO Dynamic

The OSSUR® AFO Dynamic incorporates the best of Flex-Foot® technology and the energy storing properties of carbon fiber. The result is a strong and lightweight solution for people with varying degrees of drop foot. They not only benefit from superb support, but superior energy return and an efficient, confident walk.

INDICATIONS:

Drop foot secondary to:

- CVA
- MS
- Charcot Marie Tooth disease
- Other neurological conditions
- Mild knee instability

CONTRA-INDICATIONS:

- Severe ankle - foot deformities
- Severe spasticity
- Fluctuation edema



AFO Dynamic Product Numbers:

The following packages include one AFO, padding and straps

Part #	Product name	Side	Size
O-102011	Ossur AFO Dynamic & Accessories	Right	Extra Small
O-102021	Ossur AFO Dynamic & Accessories	Left	Extra Small
O-102012	Ossur AFO Dynamic & Accessories	Right	Small
O-102022	Ossur AFO Dynamic & Accessories	Left	Small
O-102014	Ossur AFO Dynamic & Accessories	Right	Medium
O-102024	Ossur AFO Dynamic & Accessories	Left	Medium
O-102016	Ossur AFO Dynamic & Accessories	Right	Large
O-102026	Ossur AFO Dynamic & Accessories	Left	Large

Quality assurance:

Ossur AFO Dynamic is developed and produced according to ISO 9001.

Ossur AFO Dynamic is CE marked.



FEATURES & BENEFITS

AFO Light

FLEX-FOOT® CARBON FIBER

- Dynamic motion
- Energy return
- High durability
- Excellent weight to strength ratio
- Lightweight

FOOTPLATE DESIGN

- Stiffness gradient at heel and toe correspond to ground reaction forces as they are applied to the foot
- Gait assistance:
 - Gradual plantar flexion at initial contact
 - Energy return and propulsion assistance of the limb at toe off
 - Supports the foot for ground-clearance during swing phase

PROFILE

- Simple to use
- Fits easily into most shoes
- Easy to don and doff
- Available in black and beige
- Silicone Padding

AFO Light Accessories Part Numbers:

Part #	AFO Light Black
O-125110	Strut Padding
O-125111	Strut Velcro
O-125112	Shrink Tube
O-125113	Calf Piece
O-125114	Padding Calf Piece
O-125115	Light Velcro Calf Piece
O-125116	Light Strap
O-125117	Light Elastic Band
O-125120	Kit Padding Silicone

Part #	AFO Light Beige
O-125510	Light Pad Post Strut
O-125514	Light Pad Calf Piece
O-125516	Light Calf Strap
B-301060026	Light Shrink Tube Clear

AFO Leaf Spring

INJECTION MOLDED FROM POLYPROPYLENE

- Variable thickness throughout the orthosis
- Lightweight

RIGID IN VERTICAL PART

- Good toe clearance and support

THIN AND FLEXIBLE FOOT PART

- Easy to trim with a pair of scissors
- Good fit for most types of shoes

AFO Dynamic

FLEX-FOOT® CARBON FIBER

- Dynamic motion
- Energy return
- High durability
- Excellent weight to strength ratio
- Lightweight
- Proportional response
- Active tibial progression

FOOTPLATE DESIGN

- Active heel - the tapered carbon heel stores energy and manages forces at heel strike
- Full-length toe lever provides full support while foot is loaded, as well as reduced shock to the contralateral limb
- Easy to fit in shoe

GAIT ASSISTANCE

- Controlled plantar flexion at initial contact
- Creates M-L stability at mid-stance
- Reduces energy consumption by reducing hip hike
- Optimal ground clearance
- Creates smooth and efficient gait
- Helps to stabilize knee in the sagittal plane

PROFILE

- Medial strut makes it less visible in shoe
- Simple strap mechanism
- Open anterior tibia shell provides superior anatomical fit, and reduces heat and perspiration
- Textile cover prevents carbon fiber from touching the skin