

# OPC HEALTH CARBON AFO RANGE





# CONTENTS

## Allard AFOs

Product Selection Guide	2
AFO Muscle Weakness Guides	3
FLOW Technology & Benefits	4-5
ToeOFF® Family	6-7
BlueROCKER®	8-9
KiddieGAIT® & KiddieROCKER®	10-11
Accessories & Assessment Kits	12-13

## Thuasne AFOs

Thuasne Ortho-Neuro Solutions	14
Lower Limb Pathology Tree	15
Product Selection Guidance	17

## Fillauer AFOs

Features & Benefits	18
Dynamic Walk	19
Dynamic Walk Range	20-21

OPC Health is committed to improving quality of life through offering a comprehensive range of neuromuscular rehabilitation devices.

Our carbon composite AFO range is designed for various functional limitations of the lower limb. If you are not confident prescribing them yourself, OPC Health has orthotic and prosthetic facilities all around Australia and are an NDIS registered supplier.

If you need customer service support or would like more information on any products, please contact us on 1300 672 937 or email us at [sales@opchealth.com.au](mailto:sales@opchealth.com.au)



## Allard International

Introduced in 1997, ToeOFF®, the first Allard AFO, is now recognized as a quantum leap in AFO technology. Today hundreds of thousands of individuals with gait impairment now enjoy a higher quality of life, thanks to the stability and dynamic response provided when wearing one of our many carbon composite orthoses. In pursuit of our drive to expand our “Support for Better Life”, our product development team aggressively researches new materials, technology, and product designs that will extend the opportunity for improved gait and walking capacity to more and more individuals with lower extremity deficiencies.

### Anterior Design

Allard AFOs extend up from the footplate onto the anterior surface of the leg to avoid pressure on the calf muscles and Achilles tendon. This allows for a dynamic floor reaction response to assist with propulsion and knee extension

### Lateral Strut

The strut is placed on the lateral side of the footplate to create stability and function. It also allows for more functional use by bilateral users.

### Light Weight

The composition of Carbon fiber, Fiberglass and Kevlar produces an extremely lightweight yet structurally superior design, which increases user compliance.

### Open Heel

The open heel design allows the calcaneus to invert and evert to activate the natural biomechanical chain reaction to occur. This is to achieve a closer to normal gait pattern and eliminates uncomfortable pressure on the back of the leg or heel.

### Comfortable

As the shin plate comes on the anterior surface of the leg, it provides a more comfortable design for the user.

### Thin

The extremely thin product makes it light and almost invisible under slacks or trousers.

### Dynamic Footplate

The unique layup and the shape of the footplate contributes to a more dynamic, functional, and fluid gait pattern.

### Fits In Shoe

The thin footplate often avoids the need to increase the shoe size.

### Graded Stability

To be able to accommodate different user's needs, the sizes and products are graded in both stability and dynamic response.



YPSILON® *flow* 1½



ToeOFF® *flow* 2½



ToeOFF® 2½



BLUEROCKER® 2½

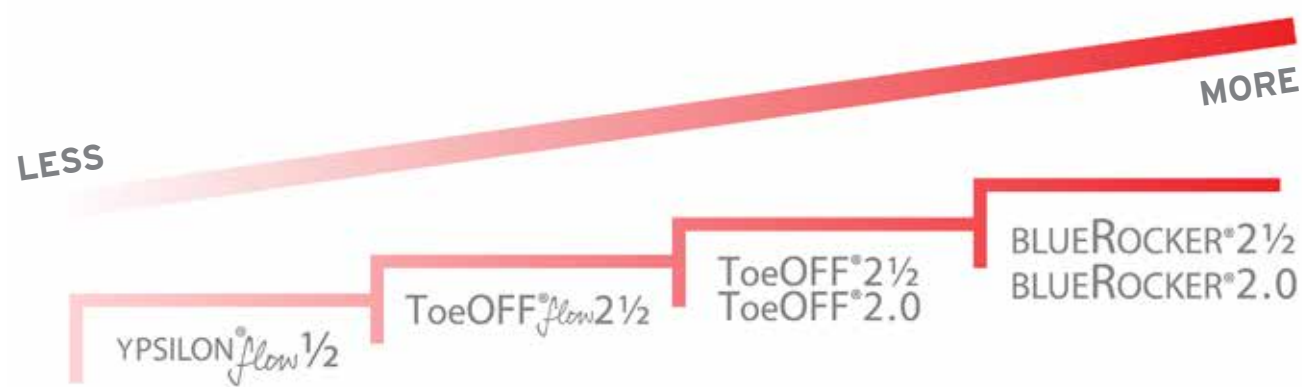
# PRODUCT SELECTION GUIDE

## Allard AFO Rigidity Scale

The following scale and charts are provided as general guidelines only. Each individual, based on their unique deficits, gait patterns, proprioceptive response, and lifestyle needs, will respond differently to any orthotic device. This will influence the function and compliance results.

Further information about intended use, indications and contraindications, and suggested modifications to assure optimum alignment and patient comfort can be found in the Professional Instructions packed with each Allard AFO or can be downloaded from [allardint.com](http://allardint.com). You can also view our 8-step videos on the Allard YouTube channel.

Each Allard AFO offers a different level of rigidity to provide the right amount of support needed without hindering function. The chart below shows the variance in the amount of support each AFO offers. For example, Ypsilon® FLOW½ would be considered for patients requiring minimum support while BlueROCKER® for those that require much more support.



## Allard AFO Function Scale

As an example, Ypsilon® FLOW½ allows for the most ROM while BlueROCKER® offers the least. On the other hand, if you look at stability, BlueROCKER® offers the most whereas Ypsilon® FLOW½ will provide the least stability.

	Ypsilon® FLOW ½	ToeOFF® FLOW2 ½	ToeOFF® 2 ½ ToeOFF® 2.0	BlueROCKER® 2 ½ BlueROCKER® 2.0
Allows Range Of Motion	● ● ● ● ● ○	● ● ● ● ○ ○	● ● ● ○ ○ ○	● ○ ○ ○ ○ ○
M-L Stability	● ● ○ ○ ○ ○	● ● ● ○ ○ ○	● ● ● ● ● ○	● ● ● ● ● ●
A-P Stability	● ● ○ ○ ○ ○	● ● ● ○ ○ ○	● ● ● ● ● ○	● ● ● ● ● ●
Dorsiflexion Assist	● ● ○ ○ ○ ○	● ● ● ○ ○ ○	● ● ● ● ● ○	● ● ● ● ● ●
Spasticity Control	● ● ○ ○ ○ ○	● ● ● ○ ○ ○	● ● ● ● ● ○	● ● ● ● ● ●
Proximal Control	● ● ○ ○ ○ ○	● ● ● ○ ○ ○	● ● ● ● ● ○	● ● ● ● ● ●



# MUSCLE WEAKNESS GUIDE

These charts are based on R&D studies, practitioner, and patient feedback.

Muscle function:

None or limited function

Moderate function

Full function

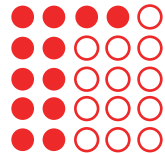
## LIMITED Proximal weakness



YPSILON<sup>®</sup> flow 1/2



ROM  
A/P  
M/L  
Dorsi assist  
Spasticity



ToeOFF<sup>®</sup> flow 2 1/2



ROM  
A/P  
M/L  
Dorsi assist  
Spasticity



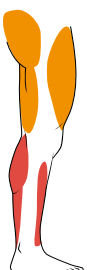
## MORE Proximal weakness



ToeOFF<sup>®</sup> 2 1/2



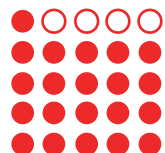
ROM  
A/P  
M/L  
Dorsi assist  
Spasticity



BLUEROCKER<sup>®</sup> 2 1/2



ROM  
A/P  
M/L  
Dorsi assist  
Spasticity



## CUSTOM ALLARD AFOs

When patient's anatomical or function needs fall out of the parameters of the Product Rigidity or Function Scale, OPC Health and Allard also offers to fabricate Custom Carbon Composite AFOs. Contact Customer Service for ordering information through [sales@opchealth.com.au](mailto:sales@opchealth.com.au)

# THE “FLOW” TECHNOLOGY

We applied Allard’s 20+ years of AFO carbon composite experience and advances in technology to create a new proprietary formula to meet the functional and comfort needs of even more individuals.

	Ypsilon® FLOW ½
Allows Range Of Motion	● ● ● ● ○
M-L Stability	● ● ○ ○ ○
A-P Stability	● ● ○ ○ ○
Dorsiflexion Assist	● ● ○ ○ ○
Spasticity Control	● ● ○ ○ ○
Proximal Control	● ● ○ ○ ○



## YPSILON® flow 1/2

Ypsilon® FLOW½ was designed for the stable ankle to provide dynamic toe-off assistance while allowing natural ankle movement.

- Allows more medial, lateral and rotational ankle movement, which will provide an opportunity for muscles, tendons and ligaments to function and strengthen.
- FLOW offers greatest ROM in sagittal plane and smoother transition throughout the gait cycle.
- To better accommodate modern shoes with a 7mm heel height.

Ypsilon® FLOW½ is suggested for patients with:

- Weak dorsiflexors
- No/mild spasticity
- Functions well for higher activity levels
- Peroneal nerve injury
- Sensory nerve Injury

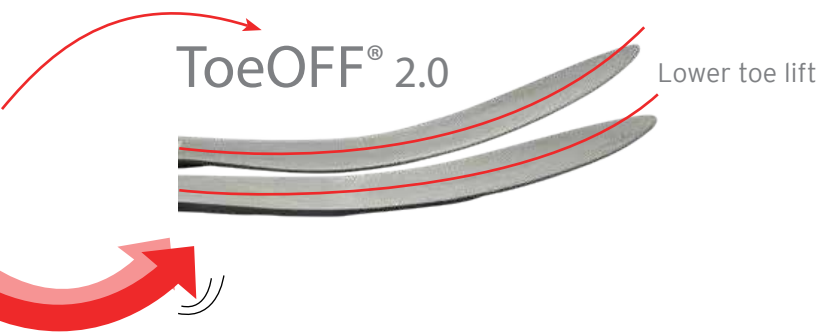
Code	Orientation	Footplate length	Height	Heel Height	Size
28880-1011	LEFT FOOT	230 mm	355 mm	7 mm	SMALL
28880-1012	LEFT FOOT	245 mm	365 mm	7 mm	MEDIUM
28880-1013	LEFT FOOT	270 mm	375 mm	7 mm	LARGE
28880-1014	LEFT FOOT	285 mm	385 mm	7 mm	XLARGE
28880-2011	RIGHT FOOT	230 mm	355 mm	7 mm	SMALL
28880-2012	RIGHT FOOT	245 mm	365 mm	7 mm	MEDIUM
28880-2013	RIGHT FOOT	270 mm	375 mm	7 mm	LARGE
28880-2014	RIGHT FOOT	285 mm	385 mm	7 mm	XLARGE

\*Ypsilon® Flow 1/2 comes with a strap and tibial padding.



# THE “FLOW” BENEFITS

- Smoother transition (flow) throughout the gait cycle
- Increased ROM in sagittal plane
- Accommodates lower shoe heel heights
- Accommodates gentler contours of shoe insoles
- More clearance for forefoot in the shoe toe box
- Easier to customize to meet alignment and biomechanical needs



	ToeOFF® FLOW2 ½
Allows Range Of Motion	● ● ● ● ○ ○
M-L Stability	● ● ● ● ○ ○
A-P Stability	● ● ● ● ○ ○
Dorsiflexion Assist	● ● ● ● ○ ○
Spasticity Control	● ● ● ● ○ ○
Proximal Control	● ● ● ● ○ ○

## ToeOFF® *flow* 2½

ToeOFF® FLOW2½ is designed for mild to moderate ankle instability and mild to moderate proximal deficits.

- Provides added rigidity to stabilize the unstable ankle and provide added control of proximal deficits.
- FLOW offers greater ROM in sagittal plane and smoother transition throughout the gait cycle.
- To better accommodate modern shoes with a 7mm heel height.
- A more organic shape with shorter wings.

ToeOFF® FLOW2½ is suggested for patients with:

- Mild proximal deficits
- Mild spasticity
- Limb proprioception deficit
- Functions well for higher activity levels

Code	Description	Orientation	Footplate length	Height	Size
289601010	TOE OFF FLOW 2½ AFO	LEFT FOOT	210 mm	360 mm	XSMALL
289601011	TOE OFF FLOW 2½ AFO	LEFT FOOT	230 mm	380 mm	SMALL
289601012	TOE OFF FLOW 2½ AFO	LEFT FOOT	245 mm	405 mm	MEDIUM
289601013	TOE OFF FLOW 2½ AFO	LEFT FOOT	270 mm	430 mm	LARGE
289601014	TOE OFF FLOW 2½ AFO	LEFT FOOT	285 mm	450 mm	XLARGE
289602010	TOE OFF FLOW 2½ AFO	RIGHT FOOT	210 mm	360 mm	XSMALL
289602011	TOE OFF FLOW 2½ AFO	RIGHT FOOT	230 mm	380 mm	SMALL
289602012	TOE OFF FLOW 2½ AFO	RIGHT FOOT	245 mm	405 mm	MEDIUM
289602013	TOE OFF FLOW 2½ AFO	RIGHT FOOT	270 mm	430 mm	LARGE
289602014	TOE OFF FLOW 2½ AFO	RIGHT FOOT	285 mm	450 mm	XLARGE



# ToeOFF<sup>®</sup> 2.0, ToeOFF<sup>®</sup> 2½, ToeOFF<sup>®</sup> Short

Designed for mild to moderate ankle instability and mild to moderate proximal deficits.

- Provides added rigidity to stabilize the unstable ankle and provide added control of proximal deficits.
- Increased stability in the sagittal plane compared to the FLOW.

Suggested for patients with:

- Mild to moderate proximal deficits
- Mild to moderate spasticity
- Limb proprioception deficit

Functional Guidelines	ToeOFF <sup>®</sup> 2½	ToeOFF <sup>®</sup> 2.0
Allows Range Of Motion	●●●○○○	●●●○○○
M-L Stability	●●●●●○	●●●●●○
A-P Stability	●●●●●○	●●●●●○
Dorsiflexion Assist	●●●●●○	●●●●●○
Spasticity Control	●●●●●○	●●●●●○
Proximal Control	●●●●●○	●●●●●○

## ToeOFF<sup>®</sup> FAMILY



### ToeOFF<sup>®</sup> 2.0

- A more organic shape with shorter wings
- 12-15mm heel height
- Full toe lift
- Both D-ring and Wrap around straps available



### ToeOFF<sup>®</sup> 2½

- A more organic shape with shorter wings
- 7mm heel height
- Less toe lift
- Both D-ring and Wrap around straps



### ToeOFF<sup>®</sup> Short

- Full wings
- 7mm heel height
- Shorter height
- Wider at metatarsal heads
- More flat footplate contour

\*all braces come with straps. Interface options on page 12



# ToeOFF<sup>®</sup> 2.0, ToeOFF<sup>®</sup> 2½, ToeOFF<sup>®</sup> Short

## ToeOFF<sup>®</sup> 2.0

Code	Description	Orientation	Heel Height	Size
289201010	TOE OFF AFO 2.0	LEFT FOOT	15 mm	XSMALL
289201011	TOE OFF AFO 2.0	LEFT FOOT	15 mm	SMALL
289201012	TOE OFF AFO 2.0	LEFT FOOT	15 mm	MEDIUM
289201013	TOE OFF AFO 2.0	LEFT FOOT	15 mm	LARGE
289202010	TOE OFF AFO 2.0	RIGHT FOOT	15 mm	XSMALL
289202011	TOE OFF AFO 2.0	RIGHT FOOT	15 mm	SMALL
289202012	TOE OFF AFO 2.0	RIGHT FOOT	15 mm	MEDIUM
289202013	TOE OFF AFO 2.0	RIGHT FOOT	15 mm	LARGE



## ToeOFF<sup>®</sup> 2½

Code	Description	Orientation	Heel Height	Size
289801010	TOE OFF 2½ AFO	LEFT FOOT	7 mm	XSMALL
289801011	TOE OFF 2½ AFO	LEFT FOOT	7 mm	SMALL
289801012	TOE OFF 2½ AFO	LEFT FOOT	7 mm	MEDIUM
289801013	TOE OFF 2½ AFO	LEFT FOOT	7 mm	LARGE
289801014	TOE OFF 2½ AFO	LEFT FOOT	7 mm	XLARGE
289802010	TOE OFF 2½ AFO	RIGHT FOOT	7 mm	XSMALL
289802011	TOE OFF 2½ AFO	RIGHT FOOT	7 mm	SMALL
289802012	TOE OFF 2½ AFO	RIGHT FOOT	7 mm	MEDIUM
289802013	TOE OFF 2½ AFO	RIGHT FOOT	7 mm	LARGE
289802014	TOE OFF 2½ AFO	RIGHT FOOT	7 mm	XLARGE



## ToeOFF<sup>®</sup> Short

Code	Description	Orientation	Footplate length	Height	Size
289901011	TOE OFF SHORT AFO	LEFT FOOT	215 mm	295 mm	SMALL
289901012	TOE OFF SHORT AFO	LEFT FOOT	235 mm	320 mm	MEDIUM
289901013	TOE OFF SHORT AFO	LEFT FOOT	255 mm	340 mm	LARGE
289902011	TOE OFF SHORT AFO	RIGHT FOOT	215 mm	295 mm	SMALL
289902012	TOE OFF SHORT AFO	RIGHT FOOT	235 mm	320 mm	MEDIUM
289902013	TOE OFF SHORT AFO	RIGHT FOOT	255 mm	340 mm	LARGE



## Sizing guide

Size	Footplate length	Height
XSMALL	210 mm	360 mm
SMALL	230 mm	380 mm
MEDIUM	245 mm	405 mm
LARGE	270 mm	430 mm
XLARGE	285 mm	450 mm

All BlueROCKER<sup>®</sup> and ToeOFF products have the same geometry (inclusive of 2.0 and 2½ products).

\*with exception of the ToeOFF short. Please contact us for this size chart if required.

\*all braces come with straps. Interface options on page 12

# BlueROCKER<sup>®</sup> 2.0, BlueROCKER<sup>®</sup> 2½

Designed for moderate to severe ankle instability and mild to severe proximal deficits.

- The extra stability will improve both balance and posture and give the wearer greater security, especially individuals with weak quadriceps and calf muscles.
- Provides maximum rigidity to stabilize the unstable ankle and provide added control of proximal deficits.

**Suggested for patients with:**

- Moderate to severe proximal deficits
- Moderate to severe spasticity
- Partial foot amputation
- Weakness or impairment in multiple leg muscle groups
- The need to wear bilateral AFOs
- Reduced knee and hip control

Functional Guidelines	BlueROCKER <sup>®</sup> 2½ BlueROCKER <sup>®</sup> 2.0
Allows Range Of Motion	● ○ ○ ○ ○
M-L Stability	● ● ● ● ●
A-P Stability	● ● ● ● ●
Dorsiflexion Assist	● ● ● ● ●
Spasticity Control	● ● ● ● ●
Proximal Control	● ● ● ● ●

## BlueROCKER<sup>®</sup> FAMILY



### BlueROCKER<sup>®</sup> 2.0

- A more organic shape with shorter wings
- 12-15mm heel height
- Full toe lift
- Both D-ring and Wrap around straps available



### BlueROCKER<sup>®</sup> 2½

- A more organic shape with shorter wings
- 7mm heel height
- Less toe lift
- Both D-ring and Wrap around straps available

\*all braces come with straps. Interface options on page 12

# BlueROCKER<sup>®</sup> 2.0, BlueROCKER<sup>®</sup> 2½

## BlueROCKER<sup>®</sup> 2.0

Code	Description	Orientation	Size	Heel height
284051010	BLUE ROCKER AFO 2.0	LEFT FOOT	XSMALL	15mm
284051011	BLUE ROCKER AFO 2.0	LEFT FOOT	SMALL	15mm
284051012	BLUE ROCKER AFO 2.0	LEFT FOOT	MEDIUM	15mm
284051013	BLUE ROCKER AFO 2.0	LEFT FOOT	LARGE	15mm
284051014	BLUE ROCKER AFO 2.0	LEFT FOOT	XLARGE	15mm
284052010	BLUE ROCKER AFO 2.0	RIGHT FOOT	XSMALL	15mm
284052011	BLUE ROCKER AFO 2.0	RIGHT FOOT	SMALL	15mm
284052012	BLUE ROCKER AFO 2.0	RIGHT FOOT	MEDIUM	15mm
284052013	BLUE ROCKER AFO 2.0	RIGHT FOOT	LARGE	15mm
284052014	BLUE ROCKER AFO 2.0	RIGHT FOOT	XLARGE	15mm



## BlueROCKER<sup>®</sup> 2½

Code	Description	Orientation	Size	Heel height
289701010	BLUEROCKER 2½ AFO	LEFT FOOT	XSMALL	7mm
289701011	BLUEROCKER 2½ AFO	LEFT FOOT	SMALL	7mm
289701012	BLUEROCKER 2½ AFO	LEFT FOOT	MEDIUM	7mm
289701013	BLUEROCKER 2½ AFO	LEFT FOOT	LARGE	7mm
289701014	BLUEROCKER 2½ AFO	LEFT FOOT	XLARGE	7mm
289702010	BLUEROCKER 2½ AFO	RIGHT FOOT	XSMALL	7mm
289702011	BLUEROCKER 2½ AFO	RIGHT FOOT	SMALL	7mm
289702012	BLUEROCKER 2½ AFO	RIGHT FOOT	MEDIUM	7mm
289702013	BLUEROCKER 2½ AFO	RIGHT FOOT	LARGE	7mm
289702014	BLUEROCKER 2½ AFO	RIGHT FOOT	XLARGE	7mm



## Sizing guide

Size	Footplate length	Height
XSMALL	210 mm	360 mm
SMALL	230 mm	380 mm
MEDIUM	245 mm	405 mm
LARGE	270 mm	430 mm
XLARGE	285 mm	450 mm

All BlueROCKER<sup>®</sup> and ToeOFF products have the same geometry.  
(inclusive of 2.0 and 2½ products)

\*with exception of the ToeOFF short.

\*all braces come with straps. Interface options on page 12

# KiddieGAIT® and KiddieROCKER®

KiddieGAIT and KiddieROCKER offer a carbon composite framework for orthotists to build an orthosis that will provide needed stability and dynamic response to encourage functional heel-to-toe gait.

- Anterior support provides opportunity to enhance proprioceptive response and adds stability to help manage knee extension/flexion moment.
- Softer and more dynamic heel rocker which creates softer loading to reduce knee flexion moment.
- Lightweight functional support allows more fluid and efficient gait (less tiring).
- Can use less brace to do the same work as traditional plastic AFOs.

Functional Guidelines	KiddieGAIT®	KiddieROCKER®
Allows Range Of Motion	● ● ○ ○ ○	● ○ ○ ○ ○
M-L Stability	● ● ● ● ○	● ● ● ● ●
A-P Stability	● ● ● ● ○	● ● ● ● ●
Dorsiflexion Assist	● ● ● ● ○	● ● ● ● ●
Spasticity Control	● ● ● ● ○	● ● ● ● ●
Proximal Control	● ● ● ● ○	● ● ● ● ●

## Suggested for patients with:

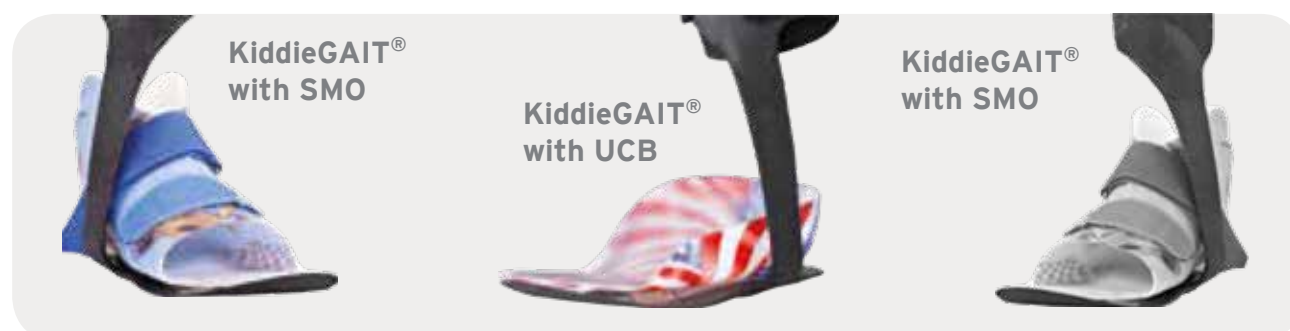
- Footdrop
- Gait deviations secondary to proprioceptive deficit
- Unstable or low-tone gait
- Toe-walking with no midfoot collapse
- Low-tone crouch gait
- Partial foot amputation (KiddieROCKER® preferred)

## KiddieGAIT®

Offers most range of motion and least rigidity to control mild to moderate ankle instabilities and proximal deficits.

## KiddieROCKER®

Offers more rigid orthotic control. Developed primarily for bilateral foot drop patients and those with more involved pathologies. The extra stability will improve both balance and posture and give the wearer greater security, especially individuals with weak quadriceps and weak calf muscles.



KiddieGAIT® and KiddieROCKER® can be combined with an additional orthotic, designed to control the position of the foot.



# KiddieGAIT® and KiddieROCKER®



Baby Sizes

Youth Sizes

## KiddieGAIT®

- Most flexibility
- 7-9mm heel height
- Full toe lift
- Wrap around straps on Baby sizes
- D-Ring straps on Youth sizes

### BabyGAIT® Sizing Guide

Size	Footplate length	Height
Baby Small	110 mm	150 mm
Baby Medium	125 mm	180 mm
Baby Large	140 mm	200 mm

### KiddieGAIT®

Code	Description	Orientation	Size
289001011	KIDDIEGAIT AFO	LEFT FOOT	SMALL
289001012	KIDDIEGAIT AFO	LEFT FOOT	MEDIUM
289001013	KIDDIEGAIT AFO	LEFT FOOT	LARGE
289001014	KIDDIEGAIT AFO	LEFT FOOT	XLARGE
289002011	KIDDIEGAIT AFO	RIGHT FOOT	SMALL
289002012	KIDDIEGAIT AFO	RIGHT FOOT	MEDIUM
289002013	KIDDIEGAIT AFO	RIGHT FOOT	LARGE
289002014	KIDDIEGAIT AFO	RIGHT FOOT	XLARGE

### BabyGAIT®

Code	Description	Orientation	Size
283721008	BABYGAIT	LEFT FOOT	SMALL
283721009	BABYGAIT	LEFT FOOT	MEDIUM
283721010	BABYGAIT	LEFT FOOT	LARGE
283722008	BABYGAIT	RIGHT FOOT	SMALL
283722009	BABYGAIT	RIGHT FOOT	MEDIUM
283722010	BABYGAIT	RIGHT FOOT	LARGE

\*all braces come with straps. Interface options on page 12



## KiddieROCKER®

- Most rigid orthotic control
- 8-9mm heel height
- Full toe lift
- D-ring straps

### KiddieGAIT® and KiddieROCKER® Sizing Guide

Size	Footplate length	Height
SMALL	160 mm	220 mm
MEDIUM	180 mm	257 mm
LARGE	200 mm	295 mm
XLARGE	210 mm	315 mm

### KiddieROCKER®

Code	Description	Orientation	Size
289021011	KIDDIEROCKER	LEFT FOOT	SMALL
289021012	KIDDIEROCKER	LEFT FOOT	MEDIUM
289021013	KIDDIEROCKER	LEFT FOOT	LARGE
289021014	KIDDIEROCKER	LEFT FOOT	XLARGE
289022011	KIDDIEROCKER	RIGHT FOOT	SMALL
289022012	KIDDIEROCKER	RIGHT FOOT	MEDIUM
289022013	KIDDIEROCKER	RIGHT FOOT	LARGE
289022014	KIDDIEROCKER	RIGHT FOOT	XLARGE

# ALLARD ACCESSORIES

## SoftKIT™

SoftKIT™ is our standard 3mm soft foam interface system May be applied to ToeOFF®, BlueROCKER®, KiddieGAIT® and KiddieROCKER®. Available in Black for all Allard AFOs.

Code	Description	Qty	Size
28750XS	SOFTKIT FOR TOEOFF/BLUEROCKER 2.0	PK 2	XSMALL
28750S	SOFTKIT FOR TOEOFF/BLUEROCKER 2.0	PK 2	SMALL
28750M	SOFTKIT FOR TOEOFF/BLUEROCKER 2.0	PK 2	MEDIUM
28750L	SOFTKIT FOR TOEOFF/BLUEROCKER 2.0	PK 2	LARGE
28750XL	SOFTKIT FOR TOEOFF/BLUEROCKER 2.0	PK 2	XLARGE
283780011	SOFTKIT FOR KIDDIEGAIT AFO	PK 2	SMALL
283780012	SOFTKIT FOR KIDDIEGAIT AFO	PK 2	MEDIUM
283780013	SOFTKIT FOR KIDDIEGAIT AFO	PK 2	LARGE
283780014	SOFTKIT FOR KIDDIEGAIT AFO	PK 2	XLARGE



## ComfortKIT™

ComfortKIT™ is our premium 5mm memory foam interface. It is designed for the patient that requires added cushioning and a more intimate fit due to the shape of the tibia, skin condition, diabetes and/or activity level. Available for all Allard AFOs, except ToeOFF® Short.

Code	Description	Qty	Size
28751XS	TOEOFF & BLUEROCKER 2.0 COMFORT KIT	PK 2	XSMALL
28751S	TOEOFF & BLUEROCKER 2.0 COMFORT KIT	PK 2	SMALL
28751M	TOEOFF & BLUEROCKER 2.0 COMFORT KIT	PK 2	MEDIUM
28751L	TOEOFF & BLUEROCKER 2.0 COMFORT KIT	PK 2	LARGE
28751XL	TOEOFF & BLUEROCKER 2.0 COMFORT KIT	PK 2	XLARGE



## Tibial Pads

Code	Description	Size
283950011	VERTICAL NEOPRENE TIBIAL PADS	SMALL
283950013	VERTICAL NEOPRENE TIBIAL PADS	LARGE



## T-Strap

Code	Description	Orientation
287771000	T-STRAP FOR TOE OFF	LEFT
287772000	T-STRAP FOR TOE OFF	RIGHT



# ALLARD ACCESSORIES

## Extra Straps

Code	Description	Size	Code	Description	Size
28761XS	D-RING STRAP SET FOR TOE OFF	XSMALL	28760XS	REPLACEMENT STRAPS TOEOFF & BLUE ROCKER 2.0	XSMALL
28761S	D-RING STRAP SET FOR TOE OFF	SMALL	28760S	REPLACEMENT STRAPS TOEOFF & BLUE ROCKER 2.0	SMALL
28761M	D-RING STRAP SET FOR TOE OFF	MEDIUM	28760M	REPLACEMENT STRAPS TOEOFF & BLUE ROCKER 2.0	MEDIUM
28761L	D-RING STRAP SET FOR TOE OFF	LARGE	28760L	REPLACEMENT STRAPS TOEOFF & BLUE ROCKER 2.0	LARGE
28761XL	D-RING STRAP SET FOR TOE OFF	XLARGE	28760XL	REPLACEMENT STRAPS TOEOFF & BLUE ROCKER 2.0	XLARGE

## ACCESSORIES AND ASSESSMENT KITS



### Assessment Kits

Pre-packaged Gait Assessment kit that includes Left and Right AFOs in a size Small, Medium and Large.

Labelled NOT FOR RESALE.

Ready to go with interface attached. Easy to carry for in-clinic assessment.

Code	Description
283810000	BABYGAIT ASSESSMENT KIT
289050000	KIDDIEGAIT ASSESSMENT KIT
289090000	KIDDIEROCKER ASSESSMENT KIT
288820000	YPSILON FLOW AFO ASSESSMENT KIT
289640000	TOE OFF FLOW AFO ASSESSMENT KIT
283860000	TOE OFF 2.0 ASSESSMENT KIT
289840000	TOEOFF 2 1/2 AFO ASSESSMENT KIT
283870000	BLUE ROCKER 2.0 ASSESSMENT KIT
289740000	BLUEROCKER 2 1/2 AFO ASSESSMENT KIT

Thuasne ortho-neuro solutions apply modern, technologically advanced processes and materials to improve options for prosthetic and orthotic clinicians and outcomes for end users.

## Processes

Thuasne have independently developed and utilise a **Patented** pre-preg manufacturing process.

## Design

Thuasne maintains focus on three modern design features for optimal outcomes

1. The combined properties of the constituent parts
2. The geometry, size and length of the fibres
3. The ratio of fibre to matrix

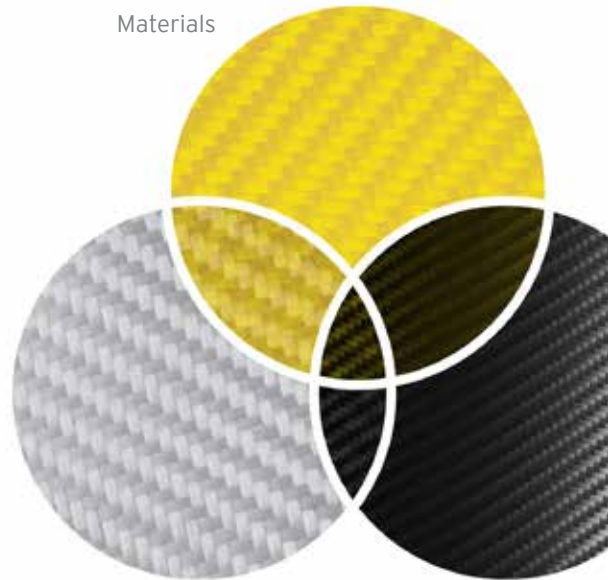
Our team of experts, inclusive of HCPC registered clinicians assist in the application of engineering principles to Prosthetic and Orthotic science

## Product Guide

This product guide demonstrates the scope of composite products, materials and processes. It's contents are tested standardised designs.

All Sprystep AFO's listed on page 16 are prefabricated items ordered from size chart. Custom options available = SpryStep Original, Custom SpryStepFlex and Custom SpryStep Plus. Trimmable with scissors at toes and Fully assembled on delivery (excluding the Paediatric AFO).

Materials

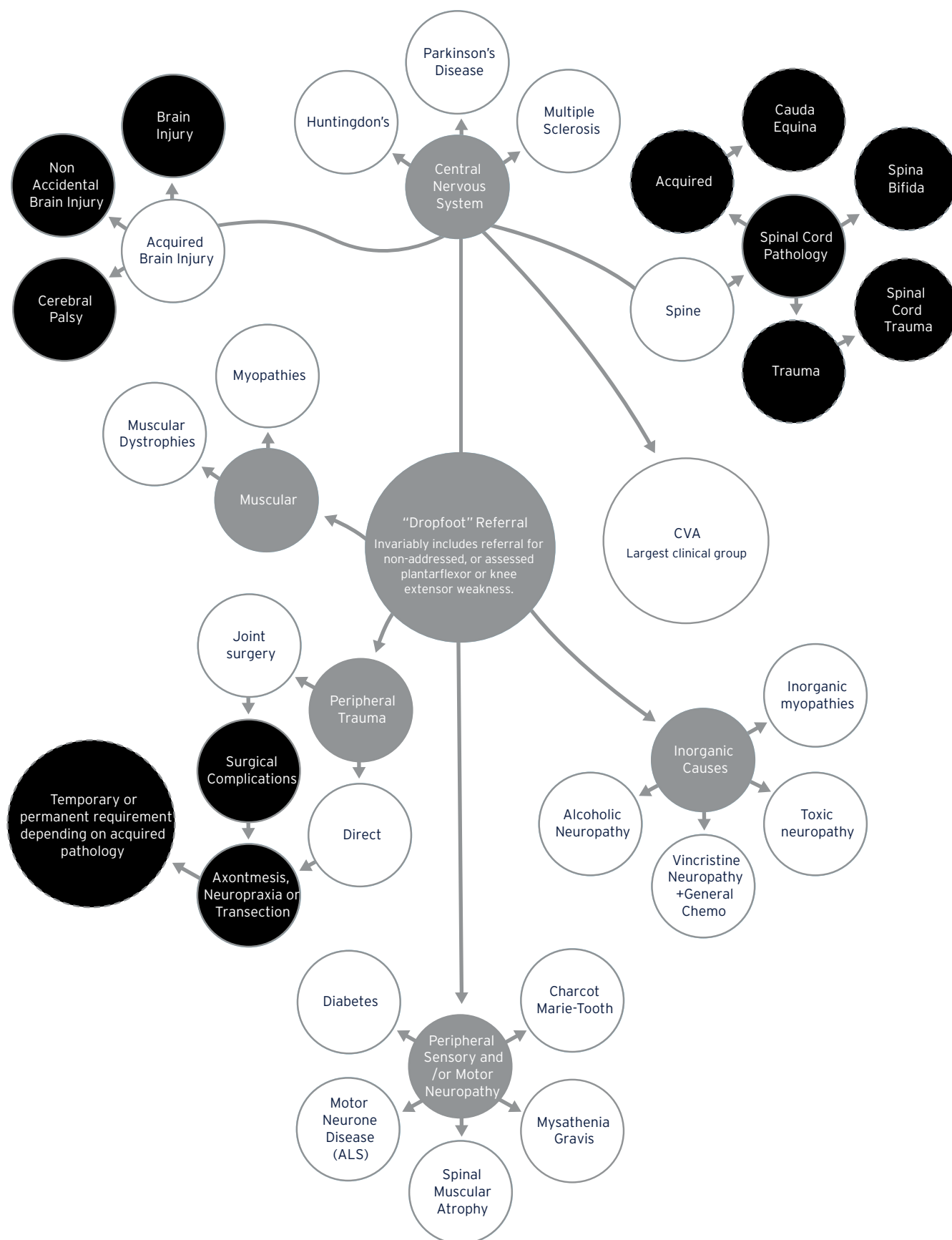


Thuasne composite fibre engineers are dedicated to high quality, clinically effective manufacturing in support of the prosthetic and orthotic industry.





# LOWER LIMB PATHOLOGY TREE



# SPRYSTEP AFO'S

## Sprystep Paediatric AFO Prefabricated

Code (Left)	Code (Right)	Size	Shoe Size (EU)	Foot Length (mm)		Calf Height (mm)	
				Min*	Max	Min**	Max
17-H1054	17-H2054	XS	17-22	95	145	160	180
17-H1050	17-H2050	S	22-26	110	160	190	210
17-H1051	17-H2051	M	26-28	125	175	220	240
17-H1052	17-H2052	L	28-31	140	190	250	270
17-H1053	17-H2053	XL	31-33	155	205	280	300

## Sprystep Max AFO Prefabricated

Code (Left)	Code (Right)	Size	Foot Length (mm)		Height (mm)
			Min	Max	
17-H1024	17-H2024	XS	195	215	335
17-H1020	17-H2020	S	210	230	370
17-H1021	17-H2021	M	230	255	395
17-H1022	17-H2022	L	255	275	420
17-H1023	17-H2023	XL	275	290	420

## Sprystep Plus AFO Prefabricated

Code (Left)	Code (Right)	Size	Foot Length (mm)		Calf Circ* 25mm below fibula head		Height (mm)	Calf Circ variance + or -
			Min	Max	Min	Max		
17-H1014	17-H2014	XS	215	245	290	370	330	40
17-H1010	17-H2010	S	230	260	325	400	360	40
17-H1011	17-H2011	M	245	275	355	430	395	40
17-H1012	17-H2012	L	260	290	385	465	425	40
17-H1013	17-H2013	XL	290	305	420	495	455	40

\*If measures fall outside variance please see the custom made Plus option

## Sprystep Original & Flex AFO Prefabricated

Code Sprystep Original (Left)	Code Sprystep Original (Right)	Code Sprystep Flex (Left)	Code Sprystep Flex (Right)	Size	Foot Length (mm)		Height (mm)
					Min	Max	
17-H1004	17-H2004	17-H1044	17-H2044	XS	215	245	300
17-H1000	17-H2000	17-H1040	17-H2040	S	230	260	320
17-H1001	17-H2001	17-H1041	17-H2041	M	245	275	340
17-H1002	17-H2002	17-H1042	17-H2042	L	260	290	360
17-H1003	17-H2003	17-H1043	17-H2043	XL	290	305	380



## Sprystep Flex Prefabricated

- Very flexible dynamic structure

Both Original and Flex sprystep AFO's have Posterior calf cuff and Lateral strut sweeping upwards to posterior.

## Sprystep Original Prefabricated

- Medium rigidity

## Sprystep Plus Prefabricated

- Anatomically embossed padding
- Medium to firm rigidity
- Anterior calf cuff
- Sweeping lateral strut into peroneal area

## Sprystep Max Prefabricated

- Very flexible dynamic structure
- Posterior calf cuff
- Lateral strut sweeping upwards to medial calf

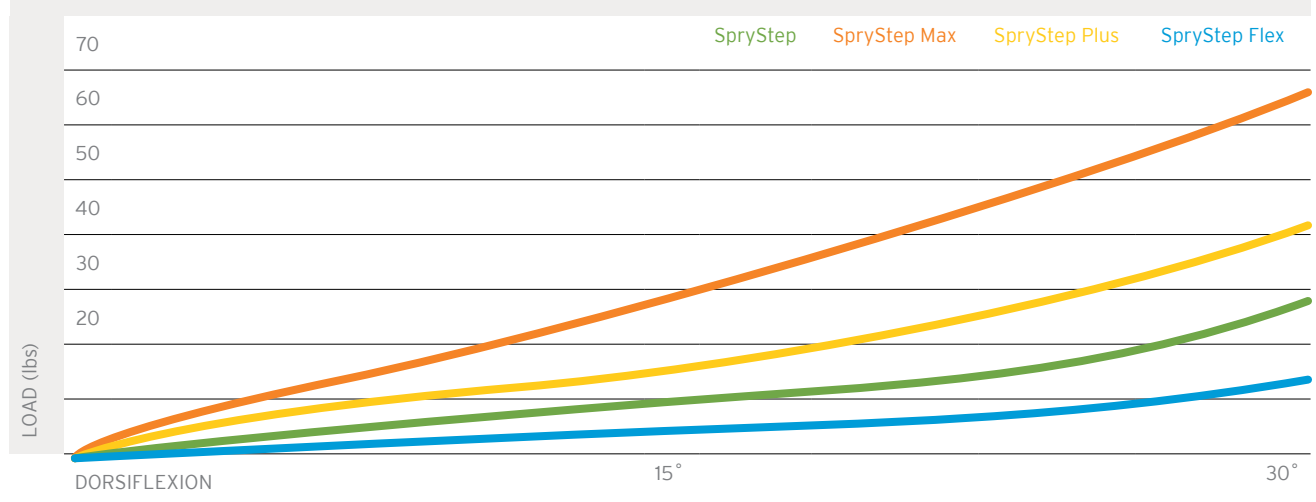
## Sprystep Paediatric Prefabricated

- Broadly trimmable with scissors at the toe, medial side of footplate and calf cuff
- Built with medium flexibility for dynamic children
- Lightweight, durable composite construction
- Lateral strut sweeping upwards to posterior
- Fits easily into most styles of shoe

# PRODUCT SELECTION GUIDANCE

SPRYSTEP PRODUCT SELECTION GUIDANCE		FLEX	ORIGINAL	PLUS	MAX	CUSTOM
ANKLE	Proprioception	✓	✓			✓
	Fatigueable footdrop	✓	✓	✓		✓
	Footslap	✓	✓	✓		✓
	Footdrop		✓	✓		✓
	Excessive plantarflexion during swing phase (secondary to weak dorsiflexors)		✓	✓		✓
	Weakness of the pretibial muscles <=3		✓	✓		✓
	Plantar flexor strength 4		✓	✓	✓	✓
	Plantar flexor strength 3 or 4			✓	✓	✓
	Plantar flexor strength 2				✓	✓
	Pain in movement toward dorsiflexion				✓	✓
	Partial foot amputation (Chopart or more distal)				✓	✓
	Partial foot amputation (Chopart)				✓	✓
	Plantar flexor strength 0 or 1				✓	✓
KNEE CONDITIONS	Knee Hyperextension		✓			✓
	Mild Knee instability during stance phase		✓	✓	✓	✓
	Mild Quad weakness			✓	✓	✓
	Excessive knee flexion during stance phase (secondary to weak planter flexors)			✓	✓	✓
	Moderate Knee instability during stance phase			✓	✓	✓
	Pronounced Knee instability during stance phase				✓	✓
	Moderate Quad weakness				✓	✓
	Pronounced Quad weakness					✓
OTHER	Plantarflexion contracture					✓
	Knee hyperextension caused by calf muscle spasticity					✓
	High tone					✓
	Inconsistent oedema					✓
	Non-correctable triplanar instability					✓
	High pitched footwear					✓
	Compromised footwear choice					✓
	Running/High impact Activities	✓				✓
	Circumduction	✓	✓	✓		✓
	Vaulting		✓	✓		✓
	High Knee Gait		✓	✓		✓
	Hip Hiking / Contralateral trunk lean		✓	✓		✓

STIFFNESS COMPARISON: RESISTIVE LOAD INTO DORSIFLEXION



Fillauer's mission is to lead the evolution, design, and technology of orthotic and prosthetic products and services that empower clinicians and patients to achieve their best functional outcomes. Fillauer offers a complete line of functional and innovative devices and equipment, combined with outstanding service and education..

## Dynamic Walk Series

The Dynamic Walk AFO is designed to allow people with dorsiflexor paresis or paralysis to confidently regain their stride. Whether their goal is to walk, hike, jog or play, the Dynamic Walk's flexible dorsi-assist joints allow them to move freely.

### Features

- Heat-mouldable and trimmable calf band and foot plate
- PEEK-rod dorsi-assist joints (Polyether ether ketone thermoplastic)

### Indications

- Peroneal nerve damage
- Multiple Sclerosis
- Early stages of CMT





# DYNAMIC WALK

The Dynamic walk is available in the following designs:



## Standard

Provides medial/lateral stability  
High lift strength



## Wide Ankle

Increased width between the PEEK-rods  
5-9mm wider than Dynamic Walk Standard



## Double - Double

Four PEEK-rods for stronger lift  
Light weight and high strength



## Single Side Medial

Easy donning and doffing  
Two PEEK-rods on the medial side  
Fits easily into normal shoes



## Single Side Lateral

Easy donning and doffing  
Two PEEK-rods on lateral side  
Fits easily into normal shoes



## Shoe Mount

Designed for permanent attachment to shoe (Lateral side only) Flat foot plate that ends proximal to the MTP joint  
Lightweight and high strength

## Custom Dynamic Walk

The Custom Dynamic Walk is recommended for patients who need to accommodate the unique shape of their foot and leg and/or specific functional needs. Whether requiring greater toe lift or unique sizing, including pediatric sizing, Fillauer's Custom Dynamic Walk will be created to suit your patient's clinical needs.



For custom order forms please see following website: <https://fillauer.com/products/dynamic-walk-standard/>

For more information on scanning and ordering patterns for your custom device contact us on 1300 672 937 or email us at [sales@opchealth.com.au](mailto:sales@opchealth.com.au)

# FILLAUER DYNAMIC WALK RANGE



Standard



Wide Ankle



Double-Double

## Dynamic Walk, Standard

Size	Length	Width	Height	Calf Circumference	Weight	Left	Right
Small	230 mm	67 mm*	320 mm	240 - 330 mm	105 g	700111121	700111122
Medium	250 mm	72 mm*	355 mm	340 - 420 mm	122 g	700111141	700111142
Large	270 mm	78 mm*	370 mm	430 - 520 mm	144 g	700111161	700111162

## Dynamic Walk, Wide Ankle

Size	Length	Width	Height	Calf Circumference	Weight	Left	Right
Small	230 mm	72 mm*	335 mm	240 - 330 mm	106 g	700111321	700111322
Medium	250 mm	80 mm*	355 mm	340 - 420 mm	123 g	700111341	700111342
Large	270 mm	87 mm*	380 mm	430 - 520 mm	142 g	700111361	700111362

## Dynamic Walk, Double-Double

Size	Length	Width	Height	Calf Circumference	Weight	Left	Right
Small	230 mm	68 mm*	320 mm	240 - 330 mm	157 g	700117121	700117122
Medium	250 mm	73 mm*	370 mm	340 - 420 mm	188 g	700117141	700117142
Large	270 mm	80 mm*	400 mm	430 - 520 mm	213 g	700117161	700117162

\*Width measured at ankle uprights approximately one centimeter above the foot plate.

## Padding Kit

When ordering, please note that the padding must be ordered separately.

Size	Product Number
Small	700100220
Medium	700100240
Large	700100260





Single Side Medial



Single Side Lateral



Shoe Mount\*

Dynamic Walk, Single Side Medial

Size	Length	Height	Calf Circumference	Weight	Left	Right
Small	230 mm	340 mm	240 - 330 mm	103 g	700113121	700113122
Medium	250 mm	370 mm	340 - 420 mm	120 g	700113141	700113142
Large	270 mm	385 mm	430 - 520 mm	140 g	700113161	700113162

Dynamic Walk, Single Side Lateral

Size	Length	Height	Calf Circumference	Weight	Left	Right
Small	230 mm	340 mm	240 - 330 mm	103 g	700114121	700114122
Medium	250 mm	370 mm	340 - 420 mm	120 g	700114141	700114142
Large	270 mm	385 mm	430 - 520 mm	140 g	700114161	700114162

Dynamic Walk, Shoe Mount

Size	Length	Height	Calf Circumference	Weight	Left	Right
Small	165 mm	340 mm	240 - 330 mm	100 g	700110721	700110722
Medium	165 mm	370 mm	340 - 420 mm	110 g	700110741	700110742
Large	165 mm	385 mm	430 - 520 mm	120 g	700110761	700110762

\*The Shoe Mount is fixed into the sole of the shoe similar to a ferrule modification.

Padding Kit

When ordering, please note that the padding must be ordered separately.

Size	Medial Left	Medial Right	Lateral Left	Lateral Right
Small	700100322	700100321	700100321	700100322
Medium	700100342	700100341	700100341	700100342
Large	700100362	700100361	700100361	700100362





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