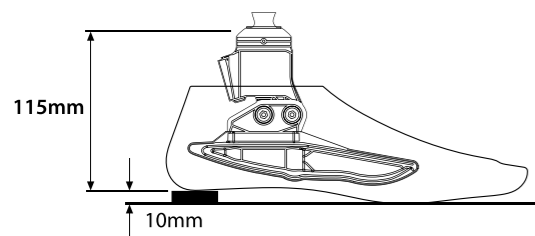


Avalon^{K2}



Features

- The only waterproof K2 hydraulic ankle foot
- Ergonomic keel for ease of rollover
- True motion, not just foot deflection
- Single valve adjuster for simultaneous plantar-flexion and dorsi-flexion
- Plantar-flexion compliance when descending steps
- Sandal toe allows different footwear styles
- 150kg (330lb) weight rating across entire range
- 24 month warranty with no required service checks

Footshell and glide sock included

Specifications

Max. user weight:	150kg
Activity level:	2
Size range:	22-30cm
Component weight:	780g†
Build height:	115mm
Heel height:	10mm
Range of ankle motion:	6° plantar to 6° dorsi-flexion
Warranty:	24 months for Avalon ^{K2} foot 12 months for foot shell

Order Example

AV 25 L
Size Side

For dark tone add suffix D.
Foot example: Avalon^{K2},
size 25 left.

†Component weight shown is for a size 26cm


Avalon^{K2}



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 An annual visual inspection is recommended. Check for visual defects that may affect proper function. Maintenance must be carried out by competent personnel.

936515 Iss5 06/16. Information correct at time of print.

Replicating biological movement
for a natural walking experience.



Avalon^{K2}

The waterproof Avalon^{K2} Foot is the hydraulic ankle system from Endolite, specifically for K2 users. Avalon^{K2} self-aligns to secure the knee joint, encouraging good posture and joint position. It enhances trans-femoral knee stability to help prevent falls, whilst reducing unwanted moments on the knee joint of trans-tibial users. Our clinically proven hydraulic technology means Avalon^{K2} users can benefit from improved walking confidence, safety and efficiency.

Greater Confidence and Stability

Avalon^{K2} enhances walking confidence because it assists swing-through and allows the body to move fluidly over the foot in a comfortable and relaxed manner. The toe remains dorsi-flexed after mid stance and remains elevated during swing phase, providing increased ground clearance for safety and efficiency.

The plantar-flexion compliance when descending slopes helps reduce the bending movement on the knee during stance phase, so it remains securely extended until the right time in late stance for controlled flexion. The excellent ground compliance secures the limb on sloping surfaces.



Fluid Movement and Comfort

The hydraulic dorsi-flexion movement enhances comfort and balance when sitting down, standing up, from a chair or crouching down.

Hydraulically adjusting to inclines and steps, Avalon^{K2} self-aligns to secure the knee joint and encourage good posture. This enhances trans-femoral knee stability and helps to reduce unwanted stresses on the knee joint of trans-tibial users.

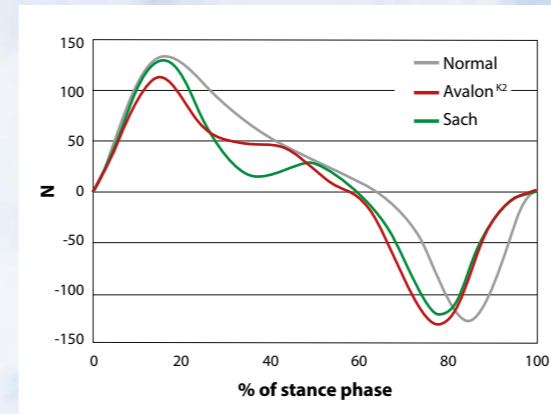


Simple Adjustment

Avalon^{K2} has an easily adjusted single valve setting which controls both plantar-flexion and dorsi-flexion simultaneously. This reduces set-up and fitting time whilst still providing optimal resistance to meet the unique needs of the level 2 user.



Anterior Posterior Ground Reaction Forces



The smoother curve of the Avalon^{K2} foot compared to the SACH shows a more even transfer through the stance phase. This preservation of momentum means that less effort is required for progress and safety is enhanced because ground contact is closer to the normal pattern.



Adjust
Single valve resistance adjustment