



Echelon Datasheet

For over a decade, the award-winning Echelon has provided users with clinically proven hydraulic technology and remains a popular choice for clinicians and their patients around the world.

Echelon is ideal for lower and more active users wanting all the benefits of hydraulic technology in a lightweight and versatile package. Echelon would also be suitable for those wishing to progress from our AvalonK2 foot.

Echelon is a fantastic all-rounder and excels at those everyday activities such as shopping, walking the dog on varying terrains or taking public transport to work. Echelon is also there when you need it during more demanding activities or when you want to do more for longer, such as hill walking, riding a bike or gardening.



Key Features

- ✓ Unique and proven Echelon Technology
- ✓ Lightweight and waterproof for a versatile package
- ✓ Decade of popularity and proven performance
- ✓ Suitable for users progressing from lower activity feet



Unique and Proven Echelon Technology

For over a decade, the Echelon range has provided users with clinically proven technology and is a popular choice worldwide.

- **E-Carbon Foot Spring Technology**

This not only provides excellent energy storing and release properties but also works in harmony with the range of movement in the ankle to provide a natural and comfortable walking experience.

- **Natural Motion & Control**

When walking up slopes, the additional range allows the body to move forward over the foot, reducing energy requirements by making rollover easier. When walking down slopes, the foot complies with the slope without forcing the leg forward, allowing for a more controlled descent.

- **Hydraulic Ankle Technology**

Hydraulic damping and foot springs produce a visco-elastic response that simulates the behavior of muscles by storing energy and releasing it at the right time. When compared to non-hydraulic ankles*, this technology is clinically proven to provide higher levels of comfort and safety, more natural walking, more balanced limb loading and overall greater patient satisfaction.

*Clinical studies, latest research papers and full references available on our website: <https://www.blatchfordus.com/prosthetics/professionals/clinical-evidence/>

Technical Specification

Max User Weight	125kg (275lb)
Activity Level	3
AK/BK	Both
Size Range	22-30 (sizes 25-27 available in Narrow and Wide)
Component Weight	688g (1lb 8oz) without foot shell
Build Height	Sizes 22-24: 115mm/Sizes 25-26: 120mm/ Sizes 27-30: 125mm
Heel Height	10mm
Hydraulic Range of Movement	9° (3°DF/6°PF)
Waterproof	Yes
Weatherproof	Yes
Product Code/Number	EC
Sandal Toe Foot Shell	Yes
Warranty*	36 months

*Foot shell 12 months, glide sock 3 months

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
EC	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-27 only. For dark tone add suffix D. Example: foot size 25, left, narrow, spring rating 3, sandal toe.

Accessories

Alignment Wedge	940093
DF/PF Adjuster Key	940236