



# INSTRUCTIONS FOR USE



PROTEOR

*Human First*

## A. Contents at Arrival

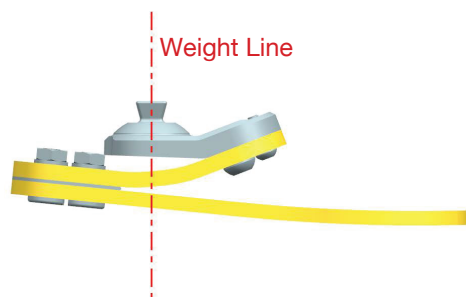
1. **RUSH Foot®**, with selected proximal adapter
2. Spectra Sock
3. Foot Shell

## B. Spectra Sock & Foot Shell

1. A Spectra sock should always be used with the **RUSH Foot®** to minimize or eliminate the introduction of debris that may come into contact with the material, as well as minimize wear to the foot shell.
2. Always apply or remove the foot shell with an appropriate tool or device to minimize wear and damage.

## C. Leg Assembly

1. The bracket of the **RUSH Foot®** assembly is attached to the prosthetic socket through a fixed male pyramid attachment to a female adapter. The pyramid attachment facilitates adjustment of plantarflexion/dorsiflexion and inversion/eversion. Toe-in and toe-out will need to be adjusted through other means such as a tube clamp or rotatable female threaded laminating base.



## D. Bench Alignment

1. Sagittal Plane: After determining the appropriate socket flexion and heel height, position the weight line so that it falls directly through the midline of the pylon, or directly through the center of the proximal foot adapter. As the unique glass composite material provides substantially more flexibility than other prosthetic feet, this represents a good starting point for a bench alignment.
2. Coronal Plane: After determining the appropriate socket adduction/abduction, position the weight line so that it falls through the midline of the foot in a neutral M-L position

## E. Static Alignment

1. Due to the shape of our rocker sole, patients may experience a new sensation when seeking the midpoint of the foot. The rocker sole allows patients to find their own comfortable static or standing position. The rocker bottom shape of our sole serves two primary functions:
  - a. Provide a continuous and progressive point of contact throughout the entire step
  - b. Eliminate any "flat" or "dead" spot
2. Adjustment of the A/P set screws at the Proximal Adapter is the more appropriate place to make changes regarding Plantarflexion or dorsiflexion, rather than the introduction of a wedge.

## F. Dynamic Alignment

1. Dynamic alignment of the **RUSH Foot®** is required for the use of this specialized foot. Static alignment is only a starting point for proper alignment of the foot. The roll through and toe off of this foot is exceptionally dynamic and some plantarflexion adjustment may be necessary as the user may not be accustomed to such dynamic toe off.
2. When possible, the use of a slide adapter with the **RUSH Foot®** is highly encouraged for dynamic alignment purposes, as it provides the best solution to troubleshooting the most common alignment issues listed below:
  - a. Hard or Soft Heel
  - b. Hard or Soft Toe
  - c. Excessive Varus or Valgus moments during Stance Phase
3. Once the optimal relative socket/foot alignment is determined, Proteor USA encourages the use of plantarflexion or dorsiflexion at the Proximal Foot Adapter to optimize heel-to-toe comfort and energy return.
4. **The patient should wear the RUSH Foot® for at least one week to fully experience the responsiveness of a non-carbon fiber device.**

For general questions or specific inquiries regarding content of this document please call us toll-free

**855.450.7300**

**proteorusa.com • rushfoot.com**



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## FREQUENTLY ASKED QUESTIONS

### WHAT MAKES THE RUSH FOOT® SO DIFFERENT?

The design is radically simple with no bolts, screws, fasteners, or Kevlar-reinforced over-wraps. Our proprietary sole plate design provides for mid-stance support with a continuous point of contact throughout the prosthetic step, making it the smoothest foot in the prosthetic industry.

### IS THE RUSH FOOT® NEARLY INDESTRUCTIBLE?

Yes, the RUSH Foot® is made from a unique glass fiber composite. The material that is extremely flexible and durable, thus making the RUSH Foot® nearly indestructible.

### WHAT IS THE COMPOSITION OF THE MATERIAL?

The unique fiber is reinforced glass composite of the highest quality with multiple applications in the aerospace industry.

### DOES THE RUSH FOOT® HAVE A “DEAD SPOT”?

No, the RUSH Foot® does not have a dead spot. RUSH Foot® replicates the ankles flexibility and roll through motion to create a stride with no dead spot. Our proprietary sole plate is designed without an inherent arch providing a continuous and rolling point of contact throughout the entire prosthetic step, making it the smoothest most effortless foot available on the market today.

### IS THE RUSH FOOT® WATER-PROOF?

Yes, the RUSH Foot® is 100% waterproof. Unlike many leading carbon fiber feet that are water resistant, the RUSH Foot® provides the ability to be fully submerged in water. This is a direct result of the radically simple design of the RUSH Foot®. The radically simple design of the RUSH Foot® departs from the use of distal bolts, screws, fasteners, or overwraps. Unlike competitors' feet, our composite never comes in contact with itself anywhere on the product or under any circumstances. This makes outside dirt or debris incapable of acting as an abrasive and causing any type of failure.

### WHAT MAKES THE RUSH FOOT® GREAT FOR ALL TERRAINS?

Due to the unique design, the two composite segments are buffered by a rubber molding that prevents any abrasions from occurring. This is a result of having no bolts, screws, fasteners, or overwraps like competing feet. The majority of carbon fiber feet have multiple bolts, screws, fasteners or overwraps that allow dirt and debris to compromise the carbon fiber. These extraneous parts always create stress points that further compromises the durability of carbon fiber.

### HOW DO YOU MAINTAIN THE RUSH FOOT®?

The unique design of the RUSH Foot® makes it virtually maintenance-free. If you get debris in the foot shell, a simple water rinse should suffice.

### WHY IS THE PLANTAR FLECTION BUMPER ONLY ATTACHED TO THE KEEL/INSTEP?

The bumper is only attached to the keel to allow the sole plate and the bumper to separate at terminal stance and toe-off. This allows maximum toe deflection and rotation at the toe for a smooth roll through. It also allows the sole plate to rotate more freely for multi-axial rotation. The overall result is a highly compliant toe off with smooth action.

### DID THE RUSH FOOT® EXCEED ISO TESTING REQUIREMENTS?

Yes, the RUSH Foot® far exceeds the testing requirements laid out by the ISO-10328.

### HOW DO I ORDER THE RUSH FOOT®?

You can order the RUSH Foot® in several ways. Call, fax our office directly, contact your sales representative or visit our website.

#### ABILITY DYNAMICS

1236 W. Southern Ave., Suite 101

Tempe, AZ 85282

480.361.1714

Toll-free Customer Service: 855.450.7300

[rushfoot.com](http://rushfoot.com)

### WHAT IS THE PRICE?

Please contact your sales rep directly and they will be more than happy to provide a price for you.

### IS THERE A TRIAL PERIOD?

Yes, there is a 60-day trial period from the date of order.

### WHAT IS INCLUDED WHEN I ORDER A RUSH FOOT®?

RUSH Foot®, Spectra sock, foot shell, heel wedge and proximal adaptor.

DISCOVER WHICH RUSH FOOT® IS RIGHT FOR YOU AT [RUSHFOOT.COM](http://RUSHFOOT.COM)

