

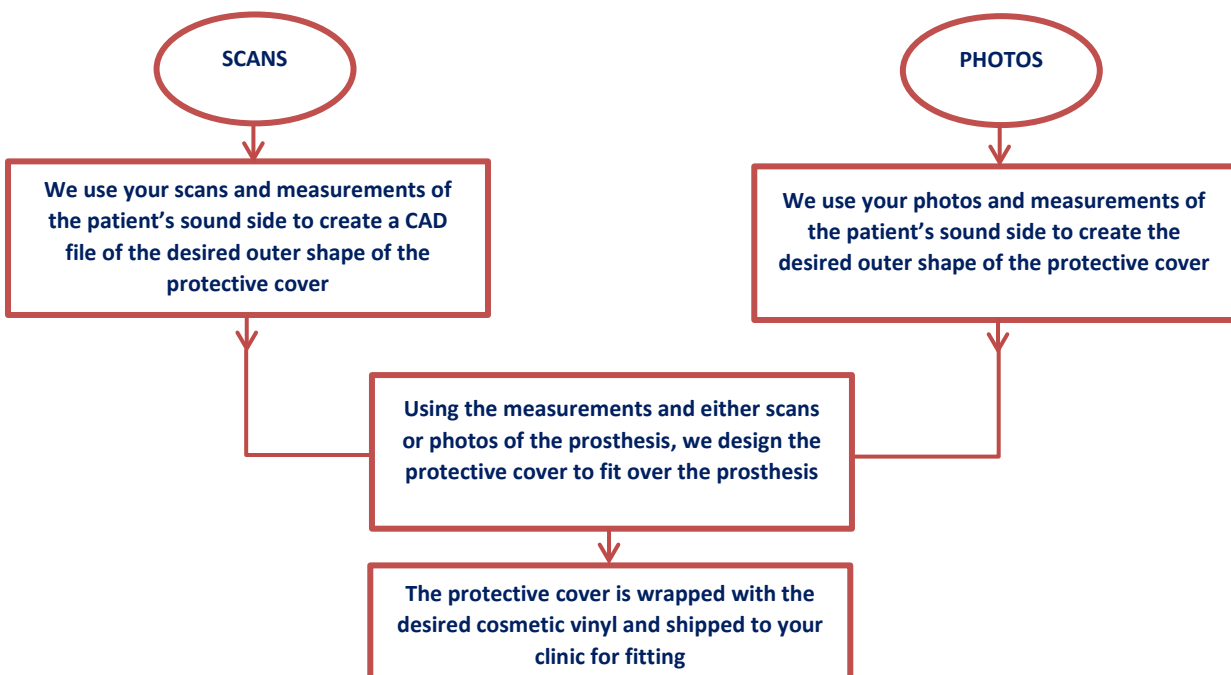
Process for Ordering Extremity3D Protective Covers

Extremity3D's protective covers are fabricated with engineering thermoplastics using 3D print technology. These products use three-dimensional digital models of the prosthetic limb as the basis for their creation. You don't have to invest in new equipment or processes to utilize the most advanced technology in prosthetic covers. The following process and guidelines will help ensure the patient receives the highest quality and best fitting products.

Process for 3D Printed Protective Covers:

There are various methods to capture and convey the desired shape of the protective cover, and we can work with whatever method is best for your clinic and patient. You may submit the following with the appropriate Work Order.

- Do you currently use a scanner? Great! Send a scan of the sound side limb and the prosthesis. STL, AOP, or CXPX scan files can be submitted through the Vorum or Standard Cyborg portals, or by emailing them to C-fab@friddles.com.
- No scanner? No problem! We can still create a custom cover using measurements and photographs of the patient's sound side limb. Email the completed Work Order to C-fab@friddles.com.



Additional Options

- For bilateral patients, fill out the Work Order with the desired shape and measurements.
- You may send the prosthesis in with your Work Order, including scans or photographs, and we will send the cover fully assembled to the prosthesis.

Extremity3D Protective Covers have some unique design considerations. Please use the fabrication notes on the following page when filling out the Work Order.



Design Considerations for Ordering Protective Covers

All scans have a margin of error based on the scanner, CAD software, and scanning techniques being used by clinics. Patient measurements are critical for verifying scan accuracy. Please provide all measurements indicated on the Work Order.

- Please remove shoes for all scans, photographs, and measurements of the sound side and prosthesis.
- Extremity3D Protective Covers can be designed to blend in to the distal part of the socket or all the way up to the popliteal area. Please indicate on the work order where on the prosthesis you would like the proximal edge of the cover to come to. Note: covers can be printed up to 20" tall.
- Many prosthetic components are reflective and do not show up well on scans. Please provide all measurements, component information, and photographs indicated on the Work Order to help us provide the best fitting Protective Cover.
- To enhance the distal shape of the cover, we try to match the foot shell shape as closely as possible. Please provide all of the information about the foot shell requested on the Work Order.
- The default gap between the foot shell and distal end of the cover is ¼" to allow for motion of the foot without the cover contacting the foot shell. If you desire a different gap, please indicate this on the Work Order.
- All Protective Covers come finished with a Vinyl Wrap. There are several designs to choose from, or you may discuss a custom design with our C-Fab team.
- If a scan is not provided, additional measurements every 50mm from MPT are required.
- If a scan is not provided, photographs of the sound side and prosthesis are required. (Note: even if scans are provided, including photographs of the prosthesis will help assure the most accurate fit around components.)
 - Four photographs of the sound side – front, back, medial, lateral
 - Four photographs of the prosthesis – front, back, medial, lateral