

Materials - Top Cover

Information Provided By Kevin Orthopedic Institute

| MATERIALS | | | | A OPTIONAL | | | | | | |
|--|--|--|-------------|-----------------------------|------------------------------|-----------------------------|------------------------------|----------------------------|-------------------------------|----------------------------|
| TOP COVER | Length of Cover: <input type="checkbox"/> To Mets <input type="checkbox"/> To Sulcus <input type="checkbox"/> To Toes | | | FRAME | Flexible | Semi Flexible | Semi Rigid | Rigid | Very Rigid | Most Rigid |
| | Prolite <input type="checkbox"/> 2 <input type="checkbox"/> 3 (mm) Spenco <input type="checkbox"/> 1.5 <input type="checkbox"/> 3 (mm) Protex <input type="checkbox"/> 0.75 (mm) | | | PolyPro mm | N/A | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |
| | Glove Leather <input type="checkbox"/> 1 (mm) Suede <input type="checkbox"/> 0.6 (mm) Plastazote <input type="checkbox"/> 0.75 (mm) | | | Subo mm | N/A | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | N/A | N/A |
| <input type="checkbox"/> Glue only heel of top cover for placing forefoot pads in clinic | | | Carbon mm | N/A | 1.5 <input type="checkbox"/> | 2 <input type="checkbox"/> | 2.5 <input type="checkbox"/> | 3 <input type="checkbox"/> | 3 TL <input type="checkbox"/> | |
| BOTTOM COVER | Suede <input type="checkbox"/> 0.6 (mm) Suede Bottom Wrap <input type="checkbox"/> 0.6 (mm) | | TPE mm | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | N/A | N/A | N/A | N/A | |
| | Protex <input type="checkbox"/> 0.75 (mm) Myolite <input type="checkbox"/> 1.5 <input type="checkbox"/> 3 (mm) | | EVA Shore A | 15 <input type="checkbox"/> | 30 <input type="checkbox"/> | 45 <input type="checkbox"/> | 65 <input type="checkbox"/> | N/A | N/A | |

Top Cover

Top coverings are the most superior placed material on the orthotic, covers all components of the orthotic and interfaces with the patient's foot.

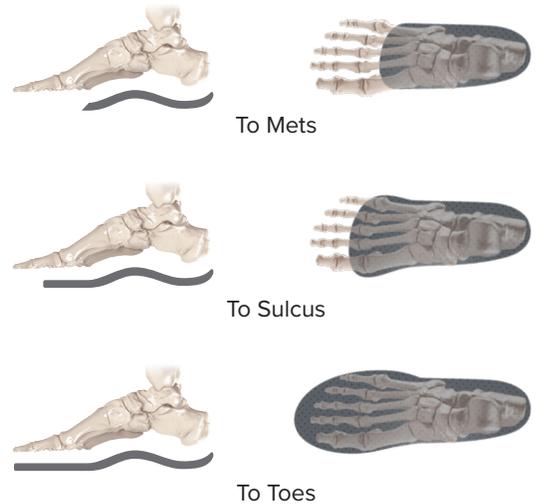
Length of Top Cover

Length of cover instruction will supersede all other modification instructions including extensions and paddings.

A met length top covering originates at the heel and terminates proximal to metatarsal heads. Metatarsal length covers allow maximum room for metatarsal heads and toes in shoe gear.

A sulcus length top covering originates at the heel and terminates distal to the metatarsal heads, at the foot's sulcus. Sulcus length covers are great for modifications and postings that treat forefoot pathologies while leaving space for the toes.

A toe length top covering originates at the heel and terminates distal to the toes approximately 12mm distal from each phalange. Ideal for shoes with removable insoles and toe comfort. Often coverings to toes will need to be trimmed to fit to shoe gear.



Bottom Cover

Bottom coverings are the most inferior placed material on the orthotic. It provides protection from shearing forces between the shoe and orthotic.

Frame

In most orthotics, the frame is the most important component. A frame's function is to support the aligned foot structures that were created during the foot impression. It is the core of the orthotic in which all postings, accommodations, paddings and cushions are added. The congruency of the frame to the foot maximizes effectiveness of orthotic reactionary forces.



Frame is the most important component for orthotic and foot function