



# Superglass®

**A revolutionary orthotic material from Northwest Podiatric Laboratory**



## Superglass® is thin

Our proprietary Superglass® composite is the credit-card-thin foundation of our orthotics. Superglass® is always 1.5mm thin, no matter how flexible or rigid we craft the orthotic shell. The end result is a sleek orthotic that fits wonderfully in your shoes.

1.5mm  
1.5mm  
1.5mm  
1.5mm  
1.5mm

#1 Flex

#2 Flex

#3 Flex

#4 Flex

#5 Flex



## ...unlike polypropylene

Standard polypropylene shells must be made thicker and thicker to achieve the rigidity of Superglass®.

1/8 inch

5/32 inch

3/16 inch

1/4 inch

## Superglass® is versatile

Superglass® can be flexed severely and repeatedly without losing its shape or effectiveness. It's a lightweight and durable aerospace material that's equally suited for small children or giant athletes.

## ...unlike graphites and other composites

Bend most composites or graphites and they'll flex slightly. Bend them a little bit more and they'll start to crack. These materials may look similar to Superglass®, but they can't match its flexibility, thinness, durability or overall versatility.



1.8mm

2.2mm

2.8mm

2.8mm

## Superglass® is infinitely customizable

Rigid and flexible... within the same orthotic. We can add flexibility and rigidity to specific areas of an orthotic with pinpoint accuracy. Superglass® is the only material that allows us to practically apply our superior biomechanical knowledge to create premium orthotics.