

Clinical Orthotic Prescription Manual

Materials • Modifications • Posting •
Corrections



Driving the orthotic revolution™

SHELL TYPES



Polypropylene

- White thermoplastic providing controlled support
- Durable with good fatigue resistance
- Heat moldable for precise fit and intrinsic correction
- Easily modified (grinding, posting, skives, etc)
- Versatile for a wide range of foot types and footwear
- Reliable balance of control, durability and adaptability
- Offered in a variety of thickness/rigidity:
 - 2mm
 - 3mm
 - 4mm

Carbon Flex

- A carbon composite blend
- Excellent energy return and propulsion assistance
- Very strong and lightweight
- Maintains shape under high load (minimal deformation)
- Ideal for high-demand or athletic patients
- Less accommodative than polypropylene
- Offered in a variety of thickness/rigidity:
 - 1mm
 - 2mm
 - 3mm

EVA/Pelite/Soft

- Soft to firm foam material
- Highly accommodative
- Lightweight and flexible
- Bulkier in nature
- Excellent pressure redistribution
- Comfort focused, not corrective
- 'Soft Orthotic'= trilaminate (3 layers of EVA)

TUFF

Thin Ultra-Formed Frame

- Carbon fiber blend
- Ultra light
- Uniform thickness while maintaining thin frame
- Offered in a variety of rigidities while maintaining a 1.8mm thick shell
- Rigidities available:
 - Semi-flex
 - Semi-Rigid
 - Rigid
 - Ultra-Rigid



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