

The predefined orthotic prescriptions below (found in Part A on reverse side) incorporate evidence-based research to address specific pathomechanics. To make changes to any defaults, mark in Part B.

Please Note: Foam boxes are not accepted for functional orthoses.

PATHOLOGY SPECIFIC ORTHOSES™ DESCRIPTIONS

- Achilles Tendinitis** – Milled, 14mm heel cup, wide, standard cast fill, 4mm medial heel skive, 0/0 poly rearfoot post, EVA cover to toes, 3mm heel lift
- Calcaneal Apophysitis** – Milled, 20mm heel cup, wide, minimum cast fill, 0/0 poly rearfoot post, EVA cover to toes, Poron heel pad, 3mm heel lift
- Hallux Limitus / HAV** – Milled (no bevel distal end), 14mm heel cup, wide, minimum cast fill, 4mm medial heel skive, 2° inversion, 0/0 poly rearfoot post, EVA cover to toes, reverse Morton's extension
- Intoeing Gait (gait plate)** – VAC (black), with shell extended past 4th and 5th met heads, 14mm heel cup, wide, standard fill, 0/0 firm EVA rearfoot post
- Lateral Ankle Instability / Peroneal Tendinitis** – Milled, 14mm heel cup, wide, standard cast fill, 0/0 poly rearfoot post no lateral bevel, EVA cover to toes, 3° valgus extension
- Metatarsalgia** – Milled (no bevel distal end), 14mm heel cup, wide, minimum cast fill, 2° inversion, 0/0 poly rearfoot post, EVA cover to toes, 3mm Poron forefoot extension, Poron metatarsal bar
- Neuroma** – Milled, 14mm heel cup, wide, minimum cast fill, 2° inversion, 0/0 poly rearfoot post, EVA cover to toes glued posterior half only, 1.5mm Poron forefoot extension, neuroma pad (3rd interspace)
- Pediatric Flatfoot** – Milled, 18mm heel cup, wide with medial flange, minimum cast fill, 4mm medial heel skive, 4° inversion, 0/0 extra-long poly rearfoot post
- Pes Cavus with Rigid Forefoot** – VAC (black), 14mm heel cup, wide, very minimum cast fill, 0/0 firm EVA rearfoot post no lateral bevel, EVA cover to toes, 3° valgus extension, 3mm heel lift
- Plantar Fasciitis due to Everted Rearfoot** – Milled, 18mm heel cup, wide, minimum cast fill, 4mm medial heel skive, 0/0 poly rearfoot post, EVA cover to toes
- Plantar Fasciitis due to Forefoot Valgus** – Milled, 14mm heel cup, wide, standard cast fill, 0/0 poly rearfoot post, EVA cover to toes, 3° valgus extension
- Posterior Tibialis Dysfunction** – VAC (black), 20mm heel cup, wide with medial flange, standard cast fill, 4mm medial heel skive, 0/0 firm EVA rearfoot post, EVA cover to toes
- Sesamoiditis** – Milled (no bevel distal end), 14mm heel cup, wide, minimum cast fill, 2mm medial heel skive, 3° inversion, 0/0 poly rearfoot post, EVA cover to toes, reverse Morton's extension
- Sinus Tarsi Syndrome** – Milled, 18mm heel cup, wide, minimum cast fill, 4mm medial heel skive, 0/0 poly rearfoot post, EVA cover to toes
- Tarsal Tunnel Syndrome** – VAC (black), 18mm heel cup, wide, minimum cast fill, 4mm medial heel skive, 2° inversion, 0/0 firm EVA rearfoot post, EVA cover to toes, 3mm heel lift

SPECIALTY ORTHOSES

FUNCTIONAL

- ProAerobic** – 3mm VAC (black), 14mm heel cup, standard width, standard cast fill, medium EVA arch fill, 0/0 firm EVA rearfoot post, sport cover to toes, EVA bottom cover
- Cobra** – 3mm VAC (black), 8mm heel cup, narrow with cobra cutout, standard cast fill, extended medium EVA arch fill, 1.5mm nylene cover to sulcus
- Featherweight** – 3mm VAC (black), 14 mm heel cup, standard width, standard cast fill, extended medium EVA arch fill, 3mm nylene cover to toes
- Graphite Dress** – Graphite, 8mm heel cup, narrow, standard cast fill, vinyl cover to sulcus
- Graphite Functional** – Graphite, 14mm heel cup, standard width, standard cast fill, vinyl cover to sulcus
- Holethotic** – VAC (black), 8mm heel cup, narrow, standard cast fill, ground through at heel (hole), vinyl cover to sulcus
- Plastazote Functional** – Plastazote shell, 14mm heel cup, standard width, standard cast fill, 3mm nylene cover to toes
- UCBL** – VAC (black), 30mm heel cup, standard width with medial and lateral flanges, standard cast fill, 0/0 firm EVA rearfoot post

ACCOMMODATIVE DIABETIC (Foam Box REQUIRED) – Milled, full length EVA shell, 14mm heel cup, wide,

Diabetic cover (leather / P-cell / Poron to toes)

POLYPROPYLENE SHELL RIGIDITY GUIDELINES*

POLY THICKNESS	PATIENT WEIGHT				
	<100 lb	100-150 lb	151-200 lb	201-250 lb	>250 lb
2mm (milled only)	Flexible	Very Flexible			
3mm	Semirigid	Flexible	Very Flexible		
4mm	Rigid	Semirigid	Flexible	Very Flexible	
5mm	Very Rigid	Rigid	Semirigid	Flexible	Very Flexible
6mm		Very Rigid	Rigid	Semirigid	Flexible

*The above rigidity chart is provided as a guideline only. Shell flexibility will vary with foot shape, foot size, prescription options, and manufacturing methods.