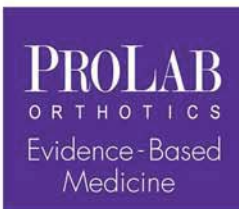


# Custom Pathology Specific Orthoses™ Default Specifications

*(Use with Custom Rx Form)*

Pathology specific orthoses offer predefined prescriptions incorporating evidence-based research to address the specific pathomechanics. Select the pathology in **Part A of the Rx form** to prescribe the default device (listed below). Indicate changes to any defaults in Part B of the Rx.



PATHOLOGY SPECIFIC ORTHOSES™ Shells are polypropylene (natural color) and semirigid based on weight										
	Production Method	Shell (polypropylene)	Heel Cup Depth	Width	Cast Fill	Medial Heel Skive	Inversion	Rearfoot Post (default 0/0)	Topcover	Other
<b>Achilles Tendinitis</b>	direct-milled		14mm	wide	standard	4mm		polypropylene	tricolor EVA to toes	3mm heel lift
<b>Calcaneal Apophysitis</b>	direct-milled		20mm	wide	minimum			polypropylene	tricolor EVA to toes	Poron heel pad, 3mm heel lift
<b>Functional Hallux Limitus/ Hallux Abducto Valgus</b>	direct-milled	no bevel distal end	14mm	wide	minimum	4mm	2°	polypropylene	tricolor EVA to toes	reverse Morton's extension
<b>Intoeing Gait (gait plate)</b>	vacuum-formed	extends past 4th and 5th met heads	14mm	wide	standard			firm EVA		
<b>Lateral Ankle Instability/ Peroneal Tendinitis</b>	direct-milled		14mm	wide	standard			polypropylene no lateral bevel	tricolor EVA to toes	3° valgus extension
<b>Metatarsalgia</b>	direct-milled	no bevel distal end	14mm	wide	minimum		2°	polypropylene	tricolor EVA to toes	3mm Poron ff extension, Poron met bar
<b>Neuroma</b>	direct-milled		14mm	wide	minimum		2°	polypropylene	tricolor EVA to toes, glued posterior half only	1.5mm Poron ff extension, neuroma pad (3rd interspace)
<b>Pediatric Flatfoot</b>	direct-milled	medial flange	18mm	wide	minimum	4mm	4°	extra long polypropylene		
<b>Pes Cavus with Rigid Forefoot</b>	vacuum-formed		14mm	wide	very minimum			firm EVA, no lateral bevel	tricolor EVA to toes	3° valgus extension, 3mm heel lift
<b>Plantar Fasciitis Everted Rearfoot</b>	direct-milled		18mm	wide	minimum	4mm		polypropylene		
<b>Plantar Fasciitis Forefoot Valgus</b>	direct-milled		14mm	wide	standard			polypropylene	tricolor EVA to toes	3° valgus extension
<b>Posterior Tibialis Dysfunction</b>	vacuum-formed	medial flange	20mm	wide	standard	4mm		firm EVA	tricolor EVA to toes	
<b>Sesamoiditis</b>	direct-milled	no bevel distal end	14mm	wide	minimum	2mm	3°	polypropylene	tricolor EVA to toes	reverse Morton's extension
<b>Sinus Tarsi Syndrome</b>	direct-milled		18mm	wide	minimum	4mm		polypropylene	tricolor EVA to toes	
<b>Tarsal Tunnel Syndrome</b>	vacuum-formed		18mm	wide	minimum	4mm	2°	firm EVA	tricolor EVA to toes	3mm heel lift

# Custom Specialty Orthoses Default Specifications

*(Use with Custom Rx Form)*

These devices are designed to meet a variety of special functional and accommodative needs. They are found in **Part A of the Rx form**. Default specifications are listed below. Use part B of the Rx to indicate changes to any defaults.

SPECIALTY ORTHOSES									
	Production Method	Shell	Heel Cup Depth	Width	Cast Fill	Arch Fill	Rearfoot Post (default 0/0)	Topcover	Other
<b>FUNCTIONAL</b>									
Cobra	vacuum-formed	3mm black polypropylene	8mm	narrow	standard	extended medium EVA		1.5mm nylene to sulcus	cobra cutout
Featherweight	vacuum-formed	3mm black polypropylene	14mm	standard	standard	extended medium EVA		3mm nylene to toes	
Graphite Dress	vacuum-pressed	graphite	8mm	narrow	standard			vinyl cover to sulcus	
Graphite Functional	vacuum-pressed	graphite	14mm	standard	standard			vinyl cover to sulcus	
Holethotic	vacuum-formed	black polypropylene	8mm	narrow	standard		hole	vinyl cover to sulcus	
Plastazote® Functional	vacuum-pressed	Plastazote	14mm	standard	standard			3mm nylene to toes	
ProAerobic	vacuum-formed	3mm black polypropylene	14mm	standard	standard	medium EVA	firm EVA	Sport cover to toes	EVA bottom cover
UCBL	vacuum-formed	natural polypropylene	30mm	standard	standard		EVA		medial and lateral flange
<b>ACCOMMODATIVE</b>									
Custom Diabetic Insole	milled	full length medium EVA	14mm	standard	n/a	extended medium EVA		P-cell/Poron to toes	
Custom EVA Insole	milled	full length medium EVA	14mm	standard	n/a	extended medium EVA		3mm EVA (black)	

## Polypropylene Shell Rigidity Guidelines\*

	<100 lb	100-150 lb	151-200 lb	201-250 lb	>250 lb
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

	<100 lb	100-175 lb	176-250 lb	251-325 lb	>325 lb
2mm	Semirigid	Flexible			
3mm	Rigid	Semirigid	Flexible	Very Flexible	
4mm	Very Rigid	Rigid	Semirigid	Flexible	Very Flexible
5mm		Very Rigid	Rigid	Semirigid	Flexible
6mm			Very Rigid	Rigid	Semirigid

\*The above rigidity charts are guidelines only. Shell flexibility can vary with foot shape, foot size, prescription options and manufacturing techniques.