

PQ Liquid

PQ Sheets

X-Static Insole

Butterfly Insole

Insole Adjuster Tool

Comfort Insole

Full Insoles

Comfort Foot Bed

Spring Plates

Met & Scaphoid Pads

Heel Cups

Pads, Lifts & Wedges

PQ Supremes Specialties

Lab Supplies

Custom Orthotics & Prostheses

Casts Types & Costs

Custom Inlay Order Form

Shoe Modification

Contract Manufacturing

Foot - Care Solution's Since 1910!



In 1910 Louis H. Riecken operated a shoe repair shop in Mt. Vernon, IN. In 1914, he moved it to Evansville, IN. His son, George L. Riecken, entered the business and carried it on with his wife, Fannie, until his death in 1957.

In the 1940's, George's son, George Carl Riecken, began working with his father, learning the trade, and took over the business in 1957 upon his father's death.

Carl was instrumental in making the business what it is today, envisioning the need for foot comfort and proper shoe fit in the future. He invented many pedorthic products and systems for the manufacture of pedorthic devices. Additionally, he lectured in pedorthic classes at Ball State University and was a founding member of PFA.

Today, Riecken's is carrying on this tradition of excellence into the next 100 years. As technology changes, Riecken's provides a complete service to the foot-care industry: a full line of family shoes, shoe repair, design and manufacture of foot-care products, and a custom, central orthotic laboratory.



PQ Gel is Riecken's proprietary viscoelastic polymer manufactured with premium components. PQ contains no silicones; it offers your customers the best in comfort and reduction of shock and shear forces.

Riecken's PQ Gel products are Made in the USA.

4 Ways to Order

- 1. Talk to Riecken's. (800)331-8040 or (812)476-8006 Extensions 100, 101 & 109 Monday - Friday, 10 - 5 CST
- 2. Email ricknorlab@aol.com
- 3. Fax your order to (812) 476-4271
- 4. Online (you must have a Riecken's account)

If the links in this catalog are not working, please download it and open in Adobe Acrobat Reader.

Table of Contents

- 3 PQ Liquid
- 4 PQ Sheets
- 5 X-Static Insole
- 6 Butterfly Insole
- 7 Insole Adjuster Tool
- 8 Comfort Insole
- 9 Full Insoles
- 10 Comfort Foot Bed
- 11 Spring Plates
- 12 Met & Scaphoid Pads
- 13 Heel Cups
- 14 Pads, Lifts & Wedges
- 15 PQ Supremes Specialties
- 16 Lab Supplies
- 17 <u>Custom Orthotics &</u>
 - Prostheses
- 18 Casts Types & Costs
- 19 Custom Inlay Order Form
- 20 Shoe Modification
- 21 Contract Manufacturing





Liquid PQ®

Make custom orthotics with Riecken's Professional Quality Viscoelastic Polymer Gel

PQ Liquid is available in 2 part kits and single pints and quarts.

PQ produces a custom inlay with maximum shock absorption and dissipation. Its uses include flexible orthotics, distal end pads and healing sandals.

- · A true, soft-tissue supplement
- · Ideal for arthritics and diabetics
- Make total contact, custom inlays and/or flexible orthotics, distal end pads and bases for healing sandals
- · Make custom pads any durometer
- · Cures in approximately 20 minutes at 72°

Measure by weight: 65 grams Side H / 100 grams Side S

The 65/100 ratio of this new formula yields a finished durometer of approximately 60. After years of experimenting, we have determined that this is a good durometer for most orthoses.

It is slightly firmer than human flesh which helps prevent distortion under weight bearing and losing accommodation.

This mix absorbs shock and shear forces better than most other known materials. To make the mix softer, you would increase part S, the softener. If you need the mix to be firmer, increase side H, the hardener.

· Contains no nutritive components for microbe growth

 Contains no cellular constructions so there is no collapse in load-bearing areas

Fast and simple to use when custom casting molds

· Requires no expensive production equipment.

Quart 2-part Kits

PQC Clear PQB Blue

Quarts (1 side only)

PQ Soft Side C *Clear* PQ Soft Side B *Blue* PQ Hardener

Pint 2-part Kits

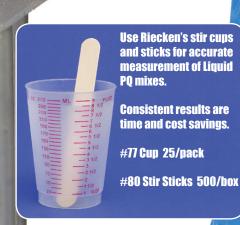
PQCP Clear PQBP Blue

Pints (1 side only)

PQ Soft Side CP *Clear* PQ Soft Side BP *Blue* PQ Hardener P







(800) 331-8040 • (812) 476-8006 ext. 109 Back to Index



Sheet Stock

Smooth Back No Cover - Plain Both Sides

#1372 PQ 1/8" x 9" x 13.5" #1376 PQ 3/16" x 9" x 13.5" #1387 PQ 1/4" x 9" x 13.5"

Smooth Back with Brushed Nylon Cover

#1385 PQ 1/10" x 12" x 15" #1370 PQ 1/8" x 9" x 13.5" #1374 PQ 3/16" x 9" x 13 5" #1378 PQ 1/4" x 9" x 13.5"

Diamond Back without Cover

#1373 PQ 1/8" x 9" x 13.5" #1377 PQ 3/16" x 9" x 13.5" #1388 PQ 1/4" x 9" x 13.5"

Diamond Back with Nylon Cover

#1371 PQ 1/8" x 9" x 13.5" #1375 PQ 3/16" x 9" x 13.5" #1386 PQ 1/4" x 9" x 13.5"



PQ Sheet Stock Size 9 x 13 1/4"

Sheet stock is available in smooth both sides or smooth on one with diamond pattern back.

Available with/without brushed nylon cover.

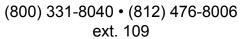
#241 #242

iecken's

Laboratory of Foot-Care Products

PQ Combination Strips 1/4" x 5" x 13 1/2"
TOP LAYER 1/8" Orthotic Covering Material
BOTTOM LAYER 1/8" PQ Viscoelastic Polymer Sheet
#241 Combo with 3LB Density Pink Plastazote
#242 Combo with 7LB Density White Microcell









THE SILVER CIBER™

Speed: X-Static® eliminates 99.9% of bacteria on the material in less than one hour of exposure.

Effectiveness: The silver in X-Static® kills bacteria and fungi faster as the temperature in your footwear rises due to activity.

Safe and Natural: X-Static® is made with pure silver, a naturally occurring element. There are no chemicals or fear of toxicity to the consumer.

Permanent: The silver in X-Static® becomes a physical part of the fiber. The performance of the product will not diminish over time.





Tri-Ply Construction

1/16" neo-foam middle layer helps cushion the foot and bonds the top fabric and PQ® Gel underliner.



	Men's	Ladies' Natural Last	Ladies' Fashion Last
В1	5 - 5 ¹ /2	6 - 6 ¹ /2	7 - 7 ¹ /2
B2	6 - 6 ¹ /2	7 - 7 ¹ /2	8 - 8 ¹ /2
В3	7 - 7 ¹ /2	8 - 8 ¹ / ₂	9 - 9 ¹ / ₂
В4	8 - 8 ¹ /2	9 - 91/2	10 - 10 ¹ /2
B5	9 - 9 ¹ /2	10 - 10 ¹ /2	11 - 11 ¹ /2
В6	$10 - 10^{1/2}$	11 - 11 ¹ /2	12 - 12 ¹ /2
В7	11 - 12	12 - 12 ¹ /2	
В8	13 - 14		

(800) 331-8040 • (812) 476-8006 ext. 109

5







PQ Heat Moldable Butterfly Insoles

Double flanged insoles form an arch cradle. 1/4" thick for depth type shoes.

#1297 3 lb. Density Pink Plastazote Covers (polyethylene foam). The most accommodative but least durable. It is recommended for ulcerated and very sensitive feet.

#2001 6 lb. Density White Microcell Covers (EVA foam).

6 lb. density TP foam is a wonderful general purpose cover. It is twice as durable as the pink plastazote.

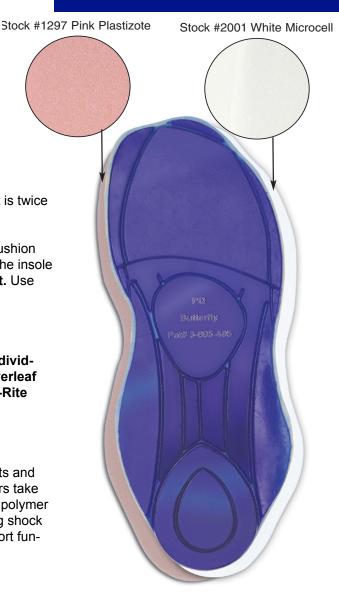
Butterfly wings feather into medial and lateral arch areas to cushion and protect the Navicular and Cuboid. The total thickness of the insole at ball of foot under met heads is 1/4". **Trim only the forefoot.** Use old insoles as patterns.

Butterflies fit up to EEE widths. Never trim heel or wings.

May be turned into a custom orthotic to accommodate individual foot conditions with our complete line of Oval or Cloverleaf Met Pads, Bars, Varus or Valgus Heel Wedges and/or Bio-Rite Scaphoid Pads.

Enjoy foot comfort supreme.

PQ insoles literally float the patient, eliminating pressure points and high pressure areas. The plastazote and microcell foam covers take permanent impressions of the patient's foot. The Viscoelastic polymer underliners act as shock absorbers, absorbing and dissipating shock and shear. PQ emits a pleasant fragrance and does not support fungus or bacterial growth.



Butterfly Insoles

		Women's	Women's
Size	Men's	Natural Last	Fashion Last
B1	5 - 5 ¹ /2	6 - 6 ¹ /2	7 - 7 ¹ /2
B2	6 - 6 ¹ /2	7 - 7 ¹ /2	8 - 8 ¹ / ₂
B3	7 - 7 ¹ /2	8 - 8 ¹ / ₂	9 - 9 ¹ /2
B4	8 - 8 ¹ /2	9 - 9 ¹ / ₂	10 - 10 ¹ /2
B5	$9 - 9^{1/2}$	10 - 10 ¹ /2	11 - 11 ¹ /2
B6	10 - 10 ¹ /2	11 - 11 ¹ /2	12 - 12 ¹ /2
B7	11 - 12		
B8	13 - 14		



Heat Molding Butterflies

Heat Molding Steps



1. Mark insole at location of the excresciency and spot heat with heat gun.



2. After spot heating insole, make depression with tool as needed.



3. The depression made on insole makes a bulge on the PQ side. This is then shaved off using a razor knife or sanding wheel.



4. Further customization to insoles will offer advantages in some cases. Add any combination of PQ Metatarsal Pads, Scaphoid Pads, Varus or Valgus Wedges as needed.



5. Slip insole into shoe for a try-on.

Heat Molding Butterfly InsolesButterfly Insoles may be combined with PQ Scaphoid Pads, Metatarsal Pads, Varus or Valgus Wedges to comfort a wide variety of foot problems when the insole alone is not totally sufficient.

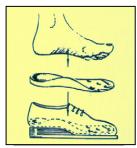
Two Covers to Choose From.

HEAT MOLD DIRECTLY IN SHOE.



After placing insole into shoe, direct heat gun into shoe for approximately 30 seconds. Test for moldability with finger impression. CAUTION: DO NOT HEAT ABOVE 130°!

When moldable, have patient wearing heavy cotton or wool socks, step into shoe, then walk and stand until cool for a permanent impression.



SPOT MOLDING INSOLES

Insoles may be spot adjusted to accommodate plantar excresciencies such as corns, callouses and depressed metatarsal heads.

It is recommended to heat mold the insoles to the shoe and foot first, then a transferrable mark is placed on the patient's sock at the location of the excresciency.

Put the foot into the shoe and have the patient take a few steps until this mark is transferred onto the insole.

Remove the insole and follow steps 1 through 5 as needed to make a complete accommodation.



#1871 Insole Adjustor Tool For making professional accommodations in heat moldable insoles.



Back to Index







- protects the metatarsal heads from abrasive shearing action of step shock.
- 2. Dancer Pad Scallop lifts, protects and cushions metatarsal heads.
- 3. Metatarsal Arch Lift relieves forefoot pressure at toe off.
- 4. Heel Rim Bands absorb and dissipate the SHOCK and SHEAR FORCES of heel strike.

- heel and heel spur areas.
- 6. Soft, gentle, Scaphoid Support for the medial arch.
- 7. The Plantar Fasciitis Slot relieves pressure on the band of fibrous tissue radiating toward the base of the toes. A Riecken's exclusive!
- 8. Lateral Stabilizer, the thin flange at the cuboid area, aids balance and support.



#96 Women's

S, M, L

#247 Men's S, M, L





(800) 331-8040 • (812) 476-8006 ext. 109









#2204N Full Insoles.

Full Insoles in 5 unisex sizes.

I dil il locico il i o di licox cizco.							
	Men's	Ladies'					
Size A	2-4	4-6					
В	5-7	7-9					
С	8-10	10-12					
D	11-13						
E	14-16						

- · Lightweight with a thinner forefoot
- extra polymer in the heel and arch areas to reduce shock.
- low profile for comfortable fit
- · washable and reusable

If shoe size falls between sizes, select larger size as insole may be easily trimmed with scissors at toe.

Use for lower back fatigue or heel pain.







Comfort Foot Bed

Adhesive Backed

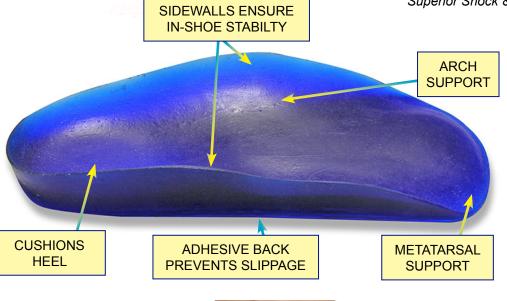
It moves, flexes and flows with your foot movements.

Soft, supple, PQ Viscoelastic Polymer Gel provides a positive, shock-absorbing foundation. Great for all types of activities, especially suited for work shoes, walking shoes, athletic shoes and everyday footwear.

Riecken's Comfort Foot Bed adapts the hard, flat surface of conventional shoes to the anatomical shape of the foot.

The foot is stabilized in its natural position. Standing, walking and running are more comfortable. Excellent arch and metatarsal support makes everyday activities more enjoyable.

Superior Shock & Shear Absorption!



MAY BE MODIFIED TO FIT FOOTWEAR CONTOURS AND SPECIAL FOOT CONDITIONS



Stock #1051

Sizes	36	37	38	39	40	41	42	43	44	45
Ladies	5	6	7	8	9	10	11	12	13	
Mens			5	6	7	8	9	10	11	12





(800) 331-8040 • (812) 476-8006 ext. 109





Light as a feather...STRONG LIKE STEEL

Contoured to fit at the heel and toe. Contoured for a natural gait.

#2003 Spring Plate

Riecken's carbon-fiber spring plates store energy at toe off and return it into the swing phase of gait for a more natural walk.

These plates are designed to fit depth-style footwear and are contoured to fit at the heel and toe.

Additionally, Riecken's spring plate can be used for turf toe.

Specify size and left or right.

Left	Size	Right
2003-LL5	5	2003-LR5
2003-LL6	6	2003-LR6
2003-LL7	7	2003-LR7
2003-LL8	8	2003-LR8
2003-LL9	9	2003-LR9

2003-LR10

2003-LL10

Womens

	Mens	
Left	Size	Right
2003-ML7	7	2003-MR7
2003-ML8	8	2003-MR8
2003-ML9	9	2003-MR9
2003-ML10	10	2003-MR10
2003-ML11	11	2003-MR11
2003-ML12	12	2003-MR12
2003-ML13	13	2003-MR13





Met & Scaphoid Pads

Metatarsal Pads Adhesive backed.



#1683 Internal Met Bars Left and right pairs. Single pair. XS, S, M, L



#1142 Cloverleaf
No right or left. Single pair.
#1142B 12 pair bulk pack.
XS, S, M, L



#154 Regular Met Pad Single pair. #154B12 pair bulk pack. S, M, L

Scaphoid Pads





#74A Scaphoid Pads.

Graduating in thickness by size from 3/16" - 8/16".
Adhesive backs.
1 pair, XS, S, M, L

#74B 12 pair bulk pack.



(800) 331-8040 • (812) 476-8006 ext. 109





Superior Dual Durometer

#16 PQ Dual Durometer Heel Cup

Dual durometer all purpose cup provides maximum shock and shear force absorption and dissipation.

Ideal for treatment and prevention of painful heels, spurs and other apopyses. Helps protect the calcaneus and all associated skeletal structure including the knees, hips and spinal column from the destructive forces of shock and shear.

Designed to dampen and reduce rebound velocity of heel strike shock waves and alters their direction from vertical to horizontal.

These premium cups are neutral and can be combined with our firm varus or valgus wedges, Stock #2041, to easily accomplish any postings.

Men's Women's
S 5 - 6 4 1/2 - 8 1/2
M 6 1/2 - 8 1/2 9 - 12
I 9+ 13+

These heel cups help to relieve discomfort connected with heel spurs, plantar fasciitis, knee and back pain.

- · Immediate comfort and cushioning
- Maximum shock absorption
- · Shock & shear dissipate horizontally



#26 PQ Premium Heel Cup







Pads, Lifts & Wedges

Star Pattern Heel Pads





When compressed with foot/body force, each star spreads in five directions to harmlessly dissipate SHOCK and SHEAR forces.



#156 Star Spur Pad with cover. Relieves calcaneal spur pain and plantar fasciitis. Available in small, medium and large. 1 pair.

Sizes	Men's	Women's
Small	5 - 6 4 1/2 - 8 1/	
Medium	6 1/2 - 8 1/2	9 - 12
Large	9+	13+

Full 1/4" of PQ Viscoelastic Polymer PLUS 1/16" raised STAR field. Gentle balance tapered to forward pad edge. Available in small, medium and large. 1 pair.

#155 Star Heel Pad with cover.

PQ Gel Dissipates Shock & Shear Horizontally Not Vertically Into Legs and Back







Firm, flat heel lifts with fabric cover for shortage accommodations. Two thicknesses: 9 mm (approx. 3/8") and 6 mm (approx. 1/4"). Small, medium and large sizes. One lift per package



Varus or Valgus Wedges

#2041 Firm PQ in 3mm thickness in small, medium or large sizes with fabric cover. 1 pad

#2041V 6mm in medium and large with fabric cover. 1 pad.



#2215 Short Heel Pads/Pump Pads with fabric cover. Small, Medium and Large sizes.



#2212 Bone Spur Padswith fabric cover. 5/16",
Small, Medium and Large sizes. 1 pair.



Long Heel Pads with fabric cover. #2218 1/8" Diamond Pad #2221 1/4" Diamond Pad Small, Medium and Large sizes. 1 pair.







PQ Supremes

#1298 NIGHT SPLINT TOE SEPARATOR & PEDICURE COMB



Scientifically designed to spread toes uniformly and help with their alignment. A night-time training aid, not designed to be worn in shoes. Ideal for use in pedicures to separate toes while polish dries.

One size fits most adults.

Transparent, Super Soft, Extremely Accomodative

Wearers enjoy the chameleon effect!

These pads disappear under even very sheer hosiery and take on natural skin coloring!



#1361 BALL OF FOOT PROTECTOR

This soft Viscoelastic ball of foot protector is designed to cushion and protect the metatarsal heads from the destructive forces of shock and shear. This pad is a true soft tissue supplement, giving relief to ball of foot pain for those who have lost the protecting soft tissue.







Riecken's Poot-Care Products

#2010 PQ® Toe Spreader

absorbs pressure and friction. Additionally, it aids in maintaining proper toe alignment. Use it as an inter-digital wedge for bunion deformity, overlapping or crooked toes.

One size fits all.

Sold in pairs.

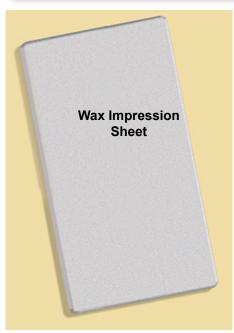
(800) 331-8040 • (812) 476-8006 ext. 109

15

Back to Index



Lab Supplies



#1200 The Master SheetOne large size fits all. The finest wax impression sheets made.

8 1/2" x 15" x 1/8" one size fits up to 15 shoe size. The only sheets with built in correct temperature color marker. These sheets turn milk white at 130°F internal temperature.

Packaged 24 pair/case.





#1393 Microcellular Glass Beads

Glass beads flow uniformly to provide uniform weight distribution when casting with wax sheets. One gallon fills one casting box to the depth of 1 1/4", the optimum for beautiful plantar impressions.

1 Gallon

- A. #2048 Adjustable stainless steel wax sheet holding tray.
- B. #2049 Stainless steel name label holders.
- C. #2047 Plastic casting box with lid. Stackable.
- D. #2059 Wax sheet stainless steel heating tray.





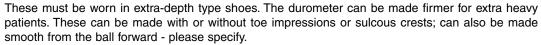
Custom Orthoses

WHOLESALE

In-house Services for Custom Orthotics & Partial-Foot Prostheses

1. PQ® VISCOELASTIC POLYMER FULL INLAY

A "total contact custom inlay". This inlay distributes the weight bearing uniformly and eliminates high pressure points, with maximum shock and shear force dissipation. Ideal for the arthritic, the diabetic, and forefoot involvement. Our standard $PQ^{\textcircled{R}}$ durometer is 50 on the 00 scale with a medium pink plastazote cover.





2. PQ® VISCOELASTIC POLYMER 3/4 LENGTH INLAY

Our standard cover is of heat-moldable polyethylene foam called white microcell. This is a long wearing durable foam that is leather like after molding. It is unaffected by perspiration, makes an ideal athletic support, and has many other uses. Other covers are available to suit the patient's condition, such as pink plastazote for the arthritic or diabetic patient. They can be worn in most regular shoes.

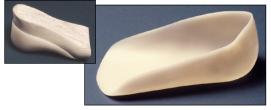
3. EGG SHELL ORTHOTIC

A 3mm subortholene general purpose orthotic. Ideal for mild cases of plantar fasciitis and is thin enough to wear in most all types of footwear, except womens high-heeled fashions. May be posted as needed.



4. "UCBL" SUPPORT

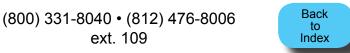
These are made over a footform that is made by manually rotating the calf while holding the forefoot straight to posture the tendo calcaneus in a vertical position. The long lateral flange combined with the deep heel cup helps maintain this position in footwear. May be worn in most all types of lace oxfords or shoes. Very effective for heel spur pain in adults and treatment of hypermobile flat foot conditions in infants.



5. "PARTIAL FOOT PROSTHESES"









Cast Types & Costs

We recommend covers as follows for the flexible type supports only:

Stock

- 101 If we develop orthotics or inlays from your finished foot models, your charge is only \$85.00 per pair or \$47.50 for one.
- **101A** If we develop foot forms from a foam art tray, the cost will be \$110.00 per pair or \$55 for one.
- 101B If we develop foot forms from plaster slipper casts, the cost will be \$135.00 per pair or \$67.50 for one.
- **101C** If we add a fore-foot filler add \$75.00 per fore-foot to regular total inlays.
- 2003 If we install a carbon fiber spring plate \$42.00 for one foot \$84.00 for both feet.

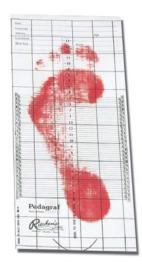
Postings: please circle or write recommendations

1. Lab to post as indicated by diagnosis and foot impression.

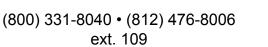
2. Doctor's recommendation :		

3. Please include a good set of pe	edograph prints with foot n	models or casts and, if	at all possible
send the patient's shoes or at l	least insole tracings.		

Notes:











CUSTOM INLAY ORDER FORM

800-331-8040 • 812-476-8006 • Fax: 812-476-4271

So that we might serve you better, please fill out this form as completely as possible. With cast, send along a shoe, or at least state size, width and brand along with an insole tracing.

Date://					
Company:	Dr. or	Practitioners	name:		
Phone #: ()	to contact with	questions	Email:		
Fax #: ()	to verify receipt &	& give ship da	ate	Ship via (d	circle one):
Ship to address:				UPS Ground	3 DAY SELECT
				2ND Day air	NEXT DAY AIR
Patients name:			_		
Patients diagnosis:		Patier	nts age:	Weight	:
Type of activity or work	·				
Shoe size	Shoe brand name			-	
Shoe last shape: \square con	tour summit	Other (specify)			
	PATIENT'S INSOLE EACH FO				CAN BE CUT OUT
please check suppor	t type requested .				
R\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ Specify cover type:	Custom Full Length Visc pink plastizote - recomm white microcell - heat mo	ended for ulcerate oldable and very a	ed feet • least dur ccomodative • du		
2. 3/4 Length So	ft Flexible Viscoelastic P	olymer Base	e - May have a N	Morton Extension if s	pecified.
3. 3/4 Length Eg	g Shell (very thin 3mm S	SUBORTHOL	LENE) - firm v	with flanges	
4. UCBL Firm He	eel Control (3mm SUBO	RTHOLENE)	- trimmed unde	er the malleolus.	
☐ 5. Partial Foot P Top Cover:	rostheses	_		Item #:	







Riecken's Shoe Service to the Trade From shoe modifications to complete shoe rebuilding.



New Full Soles & Heels



Build up Liquid to Rigid Foam



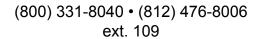
Medial Arch Flare



High-carbon Rubber Wear Plate

Full Repair Service • Call for other applications and costs.











Riecken's manufactures products for other clients.

If you have a product that would benefit from the *Shock & Shear* absorption of PQ Gel, contact us.

The Shooter's Friend idea, below, came from a Riecken's employee. An avid shooter and hunter, he also knew the effective shock-absorption properties of PG Gel, and suggested making recoil pads with it.

