

## Visco-Elastic “Gel” Insoles and Heel Cushions

### Advanced Polymer Technology for Orthopaedic Protection

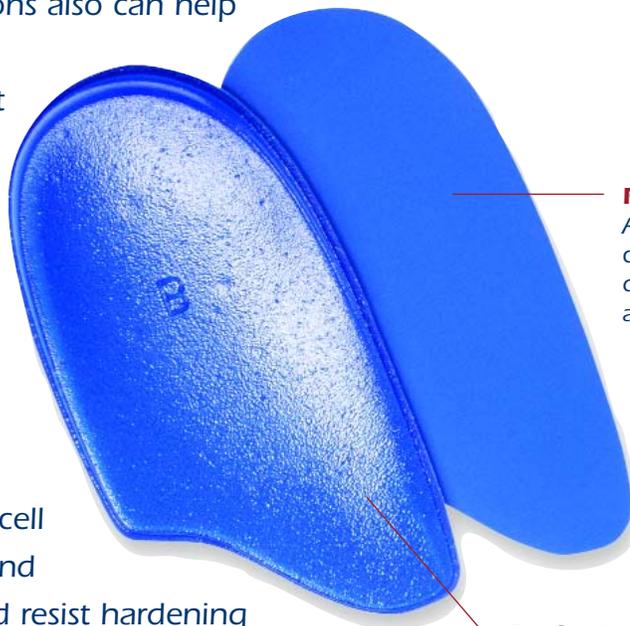
For superior protection from the jarring shock caused by the heel impacting hard surfaces. Cambion Visco-Elastic Insoles and Heel Cushions absorb and dissipate the energy generated by heel strike, which can cause fatigue and cumulative trauma to the joints of the feet, legs and back. The insoles and cushions also can help in the prevention and rehabilitation of various joint and soft tissue injuries.

Cambion products evenly distribute energy over the bottom of the foot, acting as a cushion to protect all the foot's pressure points. Composed of a visco-elastic polyurethane with an open cell foam top layer, the insoles and cushions remain resilient and resist hardening during repeated use, and retain protective qualities longer than similar products.



The **Cambion®** line includes full-length insoles, footbeds, heel pads, heel spur cushions, half-sole heel cushions with 4° posting and a full range of modular orthotic components.

All the products are antibacterial to resist mold and mildew. Used by orthopaedists, podiatrists, physical therapists, chiropractors and athletic trainers.



#### Poron® foam top layer

An open cell, breathable foam for constant cushioning, even weight distribution to sensitive pressure points and reduced heat build up.

#### Epoflex® visco-elastic under layer

A pure polyurethane elastomer proven to provide protection longer without “bottoming out” or compressing.

## Cambion® Products Can Be Used To:

- Compensate for loss of fat pad beneath the heel
- Treat Achilles tendinitis, metatarsalgia, heel bruises
- Provide temporary orthoses
- Provide adjunctive therapy following spinal adjustments
- Compensate for leg length discrepancies
- Protect foot from shear, torsion, and vertical shock
- Alleviate foot, leg, hip and low back pain resulting from heel strike
- Protect soft tissues and joints
- Help speed recovery from injuries and surgery
- Help prevent loosening of prosthetic joints
- Protect arthritic and geriatric joints
- Treat heel spurs and heel pain

### Sizing Chart

	USA Men's	USA Women's	UK	Europe
Size A	2, 3, 4	4, 5, 6	1, 2, 3	33, 34, 35, 36
Size B	5, 6, 7	7, 8, 9	4, 5, 6	37, 38, 39, 40
Size C	8, 9, 10	10, 11, 12	7, 8, 9	41, 42, 43, 44
Size D	11, 12, 13		10, 11, 12	45, 46, 47, 48

### Cambion® Insoles and Heel Cushions

Product	Part Numbers				
	Size A	Size B	Size C	Size D	Size E
Insoles	1500	1501	1502	1503	1504
Replacement Footbeds	1530	1531	1532	1533	1534
Heel Pads	1510	1511	1512	1513	-
Heel Spur Cushions	1520	1521	1522	1523	-
Posted Heel Cushions	1570	1571	1572	1573	-

### Modular Orthotics

Product	Part Numbers	
	Small	Large
Corrective Heel Wedges 1/8"	1540	1541
Corrective Heel Wedges 1/4"	1542	1543
Longitudinal Arch Pads	1544	1545
Metatarsal Pads	1546	1547
Heel Lifts 1/8"	1550	1551
Heel Lifts 1/4"	1552	1553

## What "Heel Strike" Does To A Body

Every step taken on hard, man-made surfaces generates a dynamic impact force that often is more than the body can absorb naturally. The resulting energy from the impact force, called heel strike, travels up the body, jarring the foot, leg, low back and joints. Over time, excessive heel strike produces pain in the low back and legs, limits activity, and in extreme cases causes joint damage.

Excess weight, athletics, repetitive activities, and standing for extended periods contribute to the pain and fatigue and aggravate soft tissue injuries.

Research by orthopaedists and bioengineers found foam insoles compressed too quickly and expensive silicone insoles returned energy too quickly. Extensive clinical testing determined polyurethane elastomers most effectively absorbed the energy of heel strike, while protecting the joints from rebounding spikes of force by dissipating energy gradually and evenly.

**Contact Magister Corporation for a free copy of a review examining the clinical studies of visco-elastic materials.**

*Distributed By*

**Magister Corporation** 

P. O. Box 4323  
Chattanooga, TN 37405 USA  
(423) 265-3574 ■ Fax (423) 265-4581  
www.magistercorp.com

