

PORON[®] Medical

the clinicians choice for
orthopaedic pressure relief

Biocompatible • Proven & Tested • Comfort • Resilience • Trusted



excellence in rehab supply

PORON® materials have consistently met the demands of the orthopaedic and podiatric professions for more than 20 years

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PORON® Medical Urethanes offer a variety of formulations for lasting comfort and compression set resistance in diverse applications.

PORON® Medical urethanes are engineered, medium density, microcellular (cells are roughly 100 microns) foam material. They are commonly used in orthopaedic and prosthetic applications, including custom orthotics, custom prefabricated orthotics, prosthetic padding and other biomechanical supports.

PORON® urethanes are formulated to last. They contain no plasticisers or processing agents, and will not become brittle or crack with age.

PORON® materials pass both the Schwartz and Peck Human Patch Tests (for primary skin irritation). They also carry the American Podiatric Medical Association (APMA) Seal of Approval.



PORON® materials have consistently met the demands of the orthopaedic and podiatric market for more than 20 years.

PORON® 4708 [Blue] - Soft Supporting

Specially developed for the footcare industry, PORON® 4708 **Soft Supporting** has passed numerous medical assessments for biological response. PORON® 4708 is approved by the American Podiatric Association and performs to criteria similar to those of other PORON® products whilst also satisfying professionals needs for a soft tissue supplement.

PORON® 4708 is commonly used in orthopaedic and prosthetic applications, including custom orthotics, custom prefabricated orthotics, prosthetic padding and other biomechanical supports.

PORON® 4708 [Patina] - Slow Recovery - Firm

PORON® 4708 Medical **Slow Recovery** urethane is a unique custom contouring material. This material rebounds slowly when compressed, which results in a custom fit or contour during each use. The material will continue to return to its original shape when not in use.

For further details, pricing and full material samples please call us or visit algeos.com

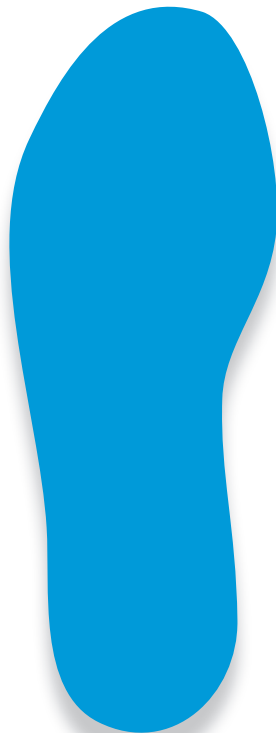
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PORON® 4708 [Blue]

Soft Supporting

Medical Grade



PORON® 4708 [Patina]

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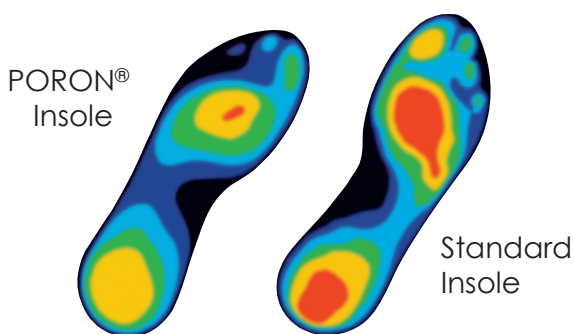
Medical Grade



Long-term comfort Compression-set resistance Open-cell breathable Microcellular structure Fungal resistant

PORON® Urethanes - Advanced orthopaedic cushioning

PORON® is a microporous polyurethane foam which is able to cushion effectively the 'stepshock' of walking and running. Its open cell structure gives the material the ability to absorb a measure of the moisture vapour generated by the active foot.



The Highest Degree of Shock Absorption

More shock absorption in the insole means less shock to feet and joints. No other insole material offers more shock absorption than PORON® cellular urethanes.

In side-by-side drop weight tests, PORON® materials outperformed vinyl sponge, neoprene sponge, sponge rubber, latex foam and solid viscoelastic. This is why PORON® materials offer the best cushion against impact.

PORON® materials have consistently met the demands of the orthopaedic and podiatric market for more than 20 years.

Maximum Retention of Comfort and Flexibility

PORON® materials are made without plasticisers, which means the insole won't shrink or become brittle and crack with age. PORON® insoles retain 'like-new' softness and flexibility - even at temperatures of up to 40°F, resisting the tendency of other insole materials to bottom out and take a permanent compression set.

A Breathable Layer to Help Feet Stay Dry and Cool

Insoles made with PORON® material form permeable layers that draw water vapour and perspiration away from the foot, helping to keep shoes and feet dry, while reducing foot odour.


Superior performance in just about every conceivable category, and resistance to abrasion, friction, tension, and stitch stress. PORON® materials are lightweight, smooth to the touch, and resist piping, for the greatest degree of shoe comfort, over the greatest length of time.

For further details, pricing and full material samples please call us or visit algeos.com

Usage recommendations for medical applications

The guide below has been developed to provide general recommendations to assist in selecting the appropriate Rogers' PORON Urethane material for medical applications.

	Heel Pad	Forefoot Relief	Arch Support	Insoles & Orthotics	AFO Padding	Splint Padding	Brace Padding
Orthopaedic				● ●	●	●	● ●
Podiatric	● ●	● ●	●	● ●			
Physio/Rehab				● ●			● ●
Footwear	● ●			● ●			

 PORON 4708 [Blue]
Slow Memory • Custom Contouring

 PORON 4708 [Jade]
Slow Memory • Ultra-Soft

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