

THE WORLD'S LEADING MANUFACTURER OF
OPEN-CELL FOAM INSOLE TECHNOLOGY

OVERVIEW
SUSTAINABILITY

Ortholite®
comfort foam insoles



**WHEN YOU CHOOSE ORTHOLITE®, YOU CHOOSE TO GIVE YOUR CONSUMERS
THE BEST PERFORMING, MOST COMFORTABLE INSOLES ON EARTH**



ECO-FRIENDLY FROM DAY 1.

At OrthoLite®, we made the choice from the very beginning to be good to the planet. After all, the products we make are designed to get people out there—going farther, doing more, being more comfortable and performing their best. Our commitment to eco-friendly products started with our first insole back in 1997, engineered with game-changing technology that repurposed rubber waste. It set the precedent for using recycled rubber—and we've used it in billions of insoles ever since.

SERIOUS ECO-INSIGHT Today OrthoLite® is the choice supplier of premium insoles to over 350 global footwear brands. That gives us unique visibility into trends across brands, categories and products. These days, consumers aren't just expecting comfort, quality and performance—they're also demanding that brands share their eco-conscious values. That's where we come in.

GROWING IT BIGGER Now we've expanded our eco-content offerings with three proprietary technologies: our plant-based bio-oil that dramatically reduces the use of petroleum, OrthoLite® Hybrid™ that infuses recycled rubber and production waste foam into our proprietary open-cell foam—achieving 20% eco-content, and OrthoLite® Recycled offering 98% total eco content. We continue to collaborate with footwear brands to design and create over 250 eco-friendly solutions and counting. And it doesn't stop there.

BEYOND THE PRODUCT Bringing our eco-friendly passion to our business practices, we use solar power in manufacturing, recycle wastewater, and ship our products in reusable cartons. As makers of the only branded OEM insole—used in over 500 million pairs of shoes a year—our efforts make a big impact, and give consumers one more reason to love our brand partners.



OVER 250 PROPRIETARY FORMULATIONS AND COUNTING

We never stop innovating, with a constant research and development cycle that's always looking to push comfort, performance and eco-friendly processes further. We focus on precision and true collaboration, giving our brand partners exactly the product attributes they're looking for—from cushioning, to rebound, to molding ability, to color, to eco-content. And every insole foam we engineer features cushioning that maintains its resiliency for the lifetime of the shoe, exceptional breathability to keep feet cool and dry, washability to keep shoes feeling new, and ultra-lightweight performance so nothing slows them down.

Benefits of OrthoLite® foams:



Long-term cushioning



Moisture management



High level breathability



Lightweight



Washable



Antimicrobial



Eco-friendly



**WE'RE
GROWING OUR
OWN OIL**



OVER 20 YEARS OF ECO-FRIENDLY INNOVATION.

Sustainable Products

RECYCLED RUBBER Take a good look at any OrthoLite® insole and you'll notice the tiny black flecks. That's part of our proprietary technology— recycled rubber from the production of outsoles—and we've used 5% of it in every insole we've ever made. It adds resiliency, breathability, cushioning and comfort—and prevents over 300 metric tons of recycled rubber from entering landfills each year. It helps us do our part within the footwear community to close the loop within the production process.



All OrthoLite® foams are eco-friendly containing **5% recycled rubber.**

BIO-OIL TECHNOLOGY Our proprietary plant-based bio-oil comes from castor beans—a non-food source that doesn't compete with food crops and uses very little water to grow. The rapidly renewable plant has been naturalized in warm climates all over the world, and can grow ten feet in a single season. The use of castor oil reduces the need for petroleum in our products and uses fewer natural resources to produce. It allows us to provide our customers with eco-friendly, reduced petroleum solutions to create insoles with uncompromised comfort and performance, while dramatically limiting the impact on the planet.



Hybrid Technology

Responding to the increasing demand for environmentally responsible products, new OrthoLite® Hybrid™ gives our partners the unprecedented ability to up the eco-content in their insoles.



The patent pending formulation uniquely blends 5% recycled rubber and 15% production waste foam for 20% eco-content — making it easier than ever to achieve the highest eco-standards and goals.

OrthoLite® Hybrid™ goes the distance and retains all the performance attributes OrthoLite® is known for—with less impact on the environment. It means using less petroleum and less energy, while adding less to the landfill. And it means all the comfort your consumers expect—with the eco-friendly content they demand.

OrthoLite® Hybrid™ is ideal for a wide range of applications where cushioning and performance are critical—including

insole, strobel and upper applications. The hybrid formulation creates a cooler, drier environment inside the footwear, so consumers can feel and perform their best. It supports your brand's sustainability goals—and gives you a great opportunity to tell your consumers why you've chosen OrthoLite®.

Instantly Up Your Eco-Content

5%	+	15%	=	20%
Recycled Rubber		Waste Foam		Total Eco-Content

Hybrid



WASTE RE-IMAGINED FOR SUSTAINABLE COMFORT AND PERFORMANCE

CLOSING THE LOOP ON WASTE

GETTING CLOSER TO THE END GOAL
OF ZERO WASTE

Fully Recycled Technology

OrthoLite® Recycled™ is a result of our expanding commitment to the creation of more sustainable technologies that close the loop on postproduction waste material and get us closer to the end goal of ZERO waste. Through the creation of a new R&D center we have invested in the continued development of more sustainable solutions that optimize our supply chain from end to end by capturing and repurposing all waste material, the result is OrthoLite® Hybrid and Recycled technologies.

OrthoLite
Recycled



Water Recycling, Air Purification and Solar Energy

To dramatically reduce our impact on the environment, we process and reuse wastewater from our manufacturing facilities around the world. When the recycled water can't be reused, our system converts it into solid refuse that's treated to the strictest environmental standards. The employees at our factories enjoy fresh, clean air in the workspace—as air purification systems filter out airborne particles and circulate purified air. The advanced air filtering and treatment equipment helps keep our employees healthy and protects the environment. Our factories use clean solar energy to heat water for manufacturing and to warm our facilities—reducing our dependence on fossil fuels. On cloudy days, our factory uses heat powered by an efficient air compressor, limiting our environmental impact.

Stone Bags and OrthoLite® Blue Box Program

Ordinary polybags take hundreds of years to decompose, causing pollution and trapping marine life. That's why we pack and deliver our products in bags made with calcium carbonate sourced from natural limestone. The bags are waterproof, tear resistant, pest resistant—and biodegrade naturally in 10-12 months.

As an alternative to shipping products in cardboard boxes, we can support our brand partners' sustainability goals by transporting our products to footwear factories in 100% recyclable, reusable blue boxes. By reducing the use of cardboard, we save thousands of trees, decrease our carbon footprint, and eliminate the need for hundreds of thousands of gallons of water a year.



**GOING
BEYOND THE
PRODUCT**



**CONSERVATION FUELING
INNOVATION**



We're fueled by innovation, a deep understanding of our brand partners' needs, true collaboration, and a dedication to limiting our impact on the planet—and it shows in every product we make. That's how we became the global leader, and why we're proud to partner with the best brands on earth.

Comfort & Performance—Driven by Innovation.

Ortholite®
comfort foam insoles

ortholite.com

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