



Compostable/biodegradable



Supercritical foaming



Competitively Priced



Globally Scalable

MAKE YOUR MARK WITHOUT LEAVING ONE

Cirql is an innovation company that creates and manufactures less-impactful footwear component materials to footwear brands across the globe. Cirql materials and components focus on offering customers two end-of-life solutions—industrially compostable/biodegradable and recyclable. Cirql Zero represents the flagship industrially-compostable/biodegradable product: a foam midsole.

From our patented, chemical-free foaming process for which Cirql is known, we developed a manufacturing process for Cirql Zero that can be deployed by any factory with supercritical foaming capabilities. Cirql Zero expands opportunities for footwear brands to reach climate and sustainability goals for their products, and ultimately, achieve true circularity in footwear

PRODUCT SUMMARY

The Cirql innovation team has developed an industrially-compostable biodegradable midsole that is scalable and meets the necessary product requirements that our footwear brand partners demand. Using supercritical foaming and patented Cirql innovation, we convert this material into a fully compostable foam midsole, something the footwear industry has long been waiting for.

Cirql Zero as a midsole material offers resilience, density, and consistent cell structure while still being competitively priced. This is made possible by our patent-pending two-stage autoclave process, a type of supercritical foaming. Cirql Zero can be made more efficiently using technology that already exists in footwear manufacturing.

This is the moment the footwear industry has been waiting for: the arrival of less impactful materials that deliver on performance and are ready to scale globally. The trusted, market-leading innovators at Cirql have brought us to this critical point in time. We are now calling on footwear brands, retailers, and consumers to complete the Cirql for a brighter future.

