

Royal Robbins Launches Mosquito Protection Technology™ Apparel: Mosquito Protection Without Toxic Chemicals

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BERKELEY, Calif. (March 4, 2025) – This spring, [Royal Robbins](#), the outdoor brand whose mission is to feed the soul through nature and adventure, launches its [Mosquito Protection Technology™ \(MPT\)](#) apparel collection, which provides a chemical-free and robust barrier from mosquitoes. This innovative technology has already been included in Popular Science’s list of “50 Greatest Innovations” of 2024.

MPT’s secret lies in the tightly woven, engineered fabric that acts as a robust barrier to mosquitoes without adding toxic chemical repellents or biocides, making MPT safer for people and the environment. In 2023, Royal Robbins partnered with [Vector Textiles](#), a leader in the research, development and testing of chemical free textiles, to rigorously test its MPT fabrics. Based on the results of multiple controlled laboratory tests, MPT fabrics demonstrated 92% effectiveness in preventing mosquito bites.

According to the editors of Popular Science, “There are a few ways to prevent mosquito bites in the woods effectively. Almost all of them require chemicals, from DEET in bug spray to pyrethrin-treated clothing, that wash away and potentially enter the water system—all except Royal Robbins’ Mosquito Protection Technology (MPT). MPT uses an incredibly tight weave that prevents mosquitoes from getting their proboscis through without sacrificing breathability. The fabric is also made to resist deforming, meaning a spin through the washing machine won’t affect protection.”

Founded in 1968, the Royal Robbins brand is rooted in sustainability, conservation and outdoor adventure. Being in nature motivates the Royal Robbins brand to protect the planet for future generations through a meaningful commitment to sustainable and preferred materials and practices. Fiber and material production account for the largest portion of a product’s footprint on ecosystems and the environment, which is why Royal Robbins carefully chooses lower-impact fibers, technologies and processes that help reduce waste, chemical use, water use and greenhouse gas emissions.

“As outdoor enthusiasts, we know firsthand that mosquitoes can be annoying, and even dangerous”, said Erik Burbank, brand president of Royal Robbins. “The [CDC](#) attributes nearly a million human deaths to disease-carrying mosquitos annually, making them the most lethal animal on the planet. MPT’s recognition in Popular Science’s ‘[50 Greatest Innovations](#)’ is a testament to our commitment to innovations that enhance people’s ability to adventure in nature.”

Royal Robbins MPT apparel, which has also been field-tested around the globe by the Royal Robbins team, is available now on the brand’s website. The women’s and men’s MPT line comprises a range of shirts and pants in Expedition, Amp Lite and Wilder styles that provide highly effective and durable

protection from mosquito bites. For more information about Royal Robbins, please visit RoyalRobbins.com/MPT.

About Royal Robbins®

Born in Yosemite, the brand was founded in 1968 by world-renowned climbers and adventurers Royal and Liz Robbins. Royal Robbins is a leading designer, manufacturer, and retailer of versatile, durable, and stylish apparel for the next generation of adventurers. The brand maintains a commitment to environmental and social responsibility by prioritizing natural fibers and maintaining carbon neutrality in Scope 1 and 2 emissions. Royal Robbins gear can be found in outdoor and specialty retail partners throughout the world. We believe nature and adventure are good for the soul. To learn more, please visit royalrobbins.com.