

Q: Why are LymeEZ® Tick Gaiters effective?

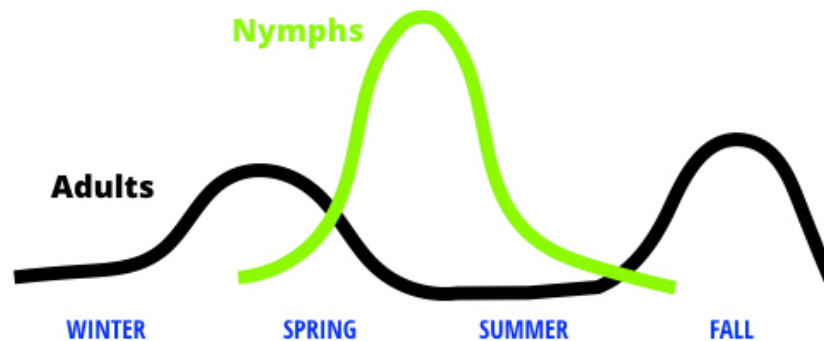
A: Ticks don't fly or jump. Nearly all ticks climb onto humans at the feet and lower legs from the ground, leaf litter and brush. LymeEZ Tick Gaiters are purpose-built to intercept ticks and halt them on their climb.

Q: Why do I sometimes find ticks on my neck when most climb up from the ground?

A: Ticks are negative geotropic—they have an instinct to climb up. It can take only five minutes for a tick to climb from ground to neck. LymeEZ Tick Gaiters slow and divert that climb, while they take in tick-killing permethrin.

Q: When is the risk most prevalent?

A. In the spring and early summer both adults and nymphs are extremely hungry for a



blood meal and out in massive force. The nymphs far outnumber the adults and are just as lethal and practically impossible to see. In the fall, there is a resurgence in risk as adult females are looking for a blood meal to get them and their eggs through the winter.

Q: LymeEZ Tick Gaiters versus regular treated clothing?

A. LymeEZ Tick Gaiters are special purpose outerwear—put them on when you need them. Any tick prevention strategy is only effective if it is used—it is difficult to always dress in special clothing, but easy to throw on gaiters. Use them an effective part of your tick bite prevention strategy.

Q: How do LymeEZ Tick Gaiters compare with spraying clothes with repellent spray?

A. Millions of micro capsules of permethrin are on each LymeEZ Tick Gaiter. The capsules are UV resistant and only break with the friction of movement, thus releasing small amounts of tick-killing permethrin in a gradual fashion. The coverage of permethrin is always higher when factory-applied as with LymeEZ than with DIY sprays. Also,

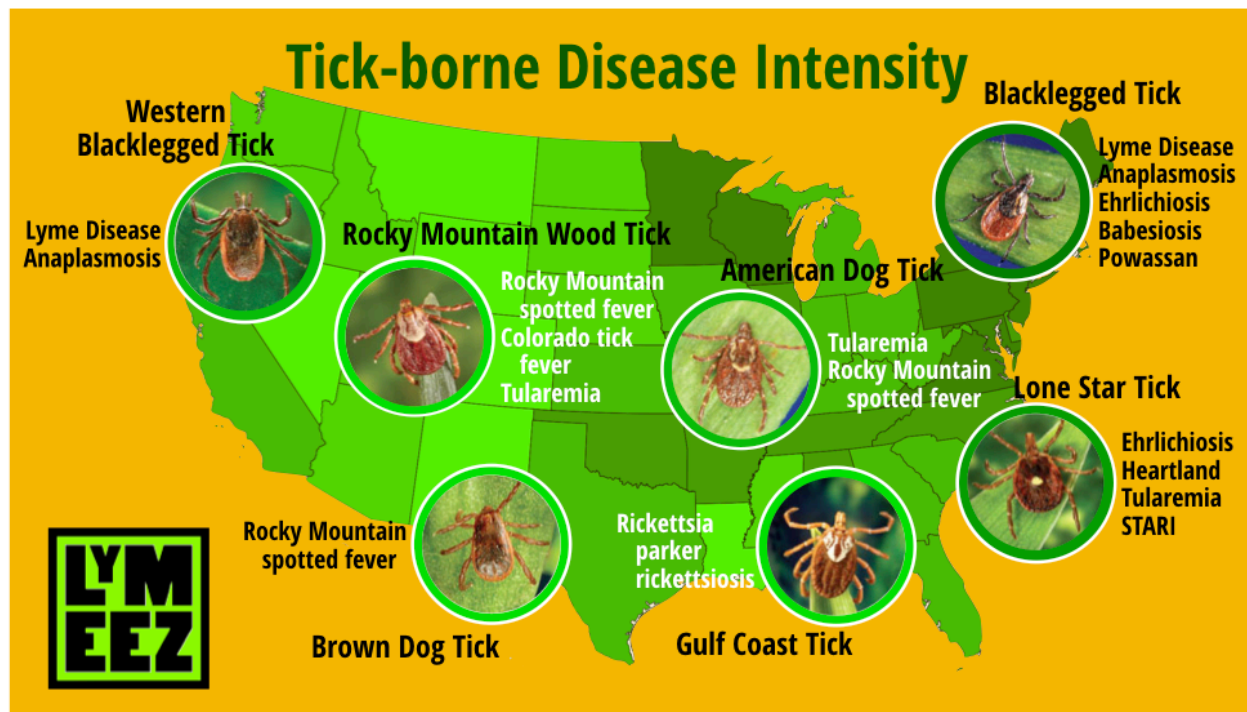


sprayed-on permethrin degrades constantly over a period of just six weeks or 6 washes, after which it is ineffective.

Q. What about just wearing white socks and tucking them in?

A. Any strategy is better than none. But again, be aware that it takes an adult deer tick only about 5 minutes to climb from your ankle to your neck. Continuous watching of your ankles, front, back and sides is nearly impossible. Furthermore, deer ticks are very small and difficult to see. Nymphs are nearly impossible to spot. LymeEZ' strategy is to knock them down on their climb and to not rely on visual interception as primary prevention strategy.

Q. What are tick-borne diseases and what species of ticks carry them?



Q: What tick repellent is used with LymeEZ Tick Gaiters?

A: LymeEZ Tick Gaiters are treated with an EPA registered long-lasting microencapsulated permethrin tick repellent, Skintex MR III. Millions of microcapsules coat the product throughout. As ticks make their climb they are exposed, sickened and killed.

Q: What if a tick makes it over the product?

A: They would still feel the effects of the permethrin exposure, which is a neurotoxin for them and they are sickened and soon rendered incapable of functioning. They fall off and die immediately or soon after.



Q: Why mesh? Why 3D mesh?

A: Ticks instinctively explore the mesh holes, slowing their climb and exposing them to more tick repellent. A slower climb & longer exposure means longer exposure to repellent. The 3D mesh holes are particularly appealing to ticks, as shown by the 4–8X slowing.

Q: What is Active Release™?

A: LymeEZ employs Active Release™ microencapsulation technology. Millions of ixodicide-filled microcapsules are infused into our products during manufacturing. With Active Release™ repellency, normal abrasion of LymeEZ Tick Gaiters against pants or the friction of simply walking causes some of the microcapsules to burst, constantly releasing permethrin while the product is in use.

Q: How long does the repellent remain effective?

A: Microencapsulated permethrin is only released through the action of the friction of movement. Fabric testing has shown no degradation after five years on undisturbed samples. LymeEZ length of effectiveness varies based on individual wear and washing. The US EPA rating for Skintex MRIII is 50 washes. The repellent effectively remains through 50 washes.

Q: How can I tell when it is time to replace my LymeEZ Tick Gaiters?

A: LymeEZ Tick Gaiters are not a forever product, but offer long-lasting effective protection. Since repellent longevity is correlated with wear, it really is individual. But here are some guidelines. In testing of our gaiters worn by outdoor workers — who wore them all day throughout most of the year, repellency fell below 80% after a year of use. 80% repellency is when we recommend replacing the gaiters. Recreational and/or seasonal users should get multiple years of use. The life of the product correlates with the visual wear and tear of use.

Q: How big are the microcapsules?

A: The microcapsules in LymeEZ have a diameter of about 4μ—roughly 250 times smaller than a deer tick nymph, the smallest diseased tick in North America.

Q: What is permethrin?

A: The active ixodidical ingredient of LymeEZ, permethrin, is a made-made version of pyrethrum. Pyrethrum is a naturally occurring insecticide of the chrysanthemum flower. Permethrin has been a registered ixodicide with the EPA since 1977. Permethrin kills ticks. This is not in dispute. The CDC & WHO have both recommended permethrin-treated clothing to battle ticks. Permethrin is EPA-registered and has been used by global militaries on uniforms for years.



Q: Is permethrin safe next to the skin?

A: Permethrin not well absorbed by the skin. Pediatricians typically prescribe a permethrin skin cream for infant scabies (another Acari family member) that is 10X the strength of what is on Lymeek Tick Gaiters. Furthermore, the microencapsulated form used by Lymeek, is only gradually released.

Q: Is permethrin overall considered safe?

A: The EPA (2005) has found no risk to wearers of permethrin-treated garments at approved levels—0.52%—the concentration recommended by the National Research Council. According to the World Health Organization, "permethrin has been extensively tested and is still considered the insecticide of choice for clothing treatment." Military uniforms have been treated with Skintex MRIII microencapsulated permethrin for decades. Ingested permethrin can be harmful, however, to fish and cats—so dispose of them properly in the trash, per EPA guidelines.

Q: Have Lymeek Tick Gaiters had scientific testing?

A: Yes, and we've attached the results in a separate PDF. In summary, Lymeek 3D Mesh Tick Gaiters slow the ascent of ticks by a factor of 4–8X. We have not yet done comparison testing on Lymeek Stretch Mesh Tick Gaiters, but we have observed a similar slowing effect of the stretch mesh.

While neither Lymeek LLC or any other company can guarantee complete protection from tick bites or related reactions, Lymeek Tick Gaiters with long lasting Active Release™ micro-encapsulated permethrin offer effective protection.

Outside More, Worry Less!™

