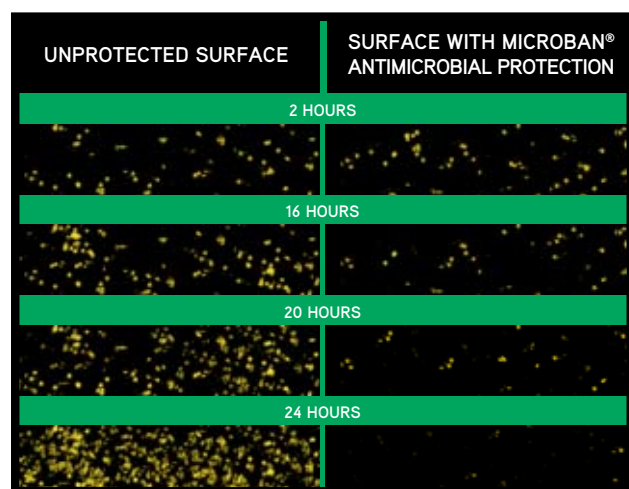


PORON® Performance Cushioning with Microban® Antimicrobial Protection

Long-lasting comfort and protection from the inside-out

Consumer concern about daily exposure to microbes, such as odor causing bacteria, is on the rise. According to a recent Gallup Study over 70% of consumers are using 6+ products with antimicrobial protection.* Rogers has taken note of this demand, by teaming up with Microban International, the trusted leader for antimicrobial protection. You can rest assured that all of your PORON® XRD™, Performance and Plus Materials with Microban® antimicrobial product protection provide consistent, reliable and long-lasting cushioning comfort from the inside-out.

We've all been there – warm, moist environments found in places such as shoes, protective apparel and equipment provide favorable conditions for bacteria and developing odors. It is primarily the metabolic byproducts of bacteria that cause odors. Microban antimicrobial protection is infused into PORON Cushioning for lasting protection that won't wash off or wear away for the lifetime of the foam, continually working to keep the material cleaner and fresher longer.



This information is based upon standard laboratory tests and is provided for comparative purposes to substantiate antimicrobial activity for non-public health applications. Microban technology is not designed to replace good hygiene practices or protect users from disease causing microorganisms. Antimicrobial action limited to product surface.

How Does Microban® Antimicrobial Protection Work?

- When microbes come in contact with the material surface, Microban protection penetrates the cell wall of the microbe and disrupts key cell functions so the microbe cannot function, grow or reproduce.
- Microban technology protects PORON Cushioning from the growth of bacteria, mold and mildew that can cause stains and odors.

Maintains Performance and Antimicrobial Protection

- Microban antimicrobial technologies are infused into the PORON Materials during the manufacturing process and become a permanent part of the molecular structure.
- PORON Materials with Microban technology provide consistent, reliable and long-lasting antimicrobial protection that will not rub, wear or wash away.

A Proven Antimicrobial Option

- Microban technology has undergone extensive independent laboratory testing and has a long history of safe use in a variety of leading consumer products from common household goods to industrial safety.
- Microban antimicrobial protection is registered with the EPA for all applications in which it is used.
- PORON Materials with Microban antimicrobial protection meets some of the most stringent OEM RSL requirements for control and monitoring of hazardous substances.

Win-Win Added Benefit

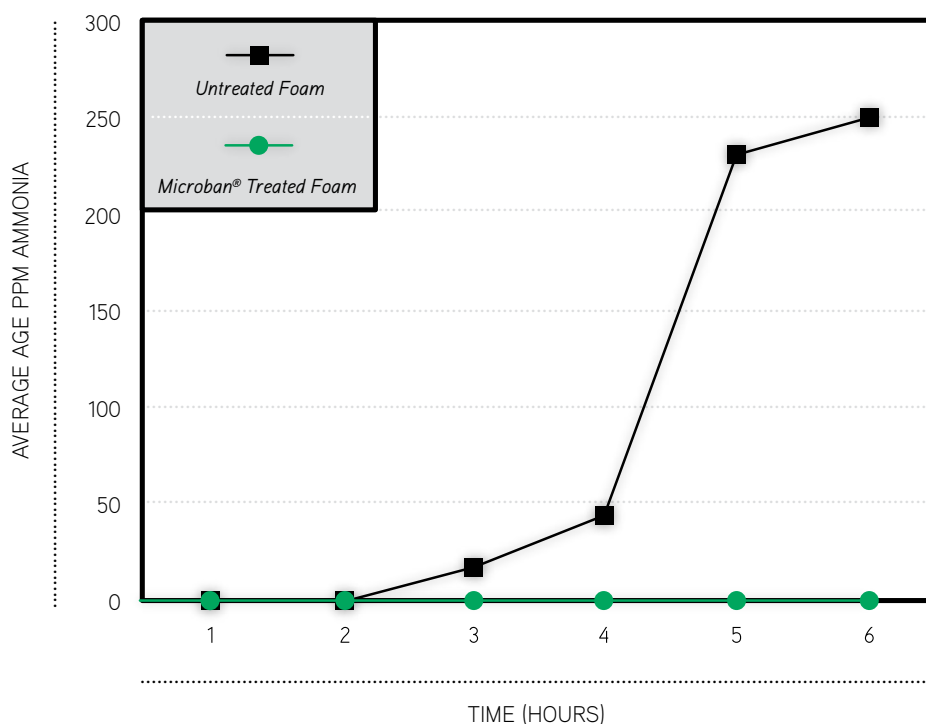
- PORON Cushioning with Microban antimicrobial protection is a no cost, standard offering added to all PORON XRD, Performance and Plus Materials.
- Available in a variety of standard thicknesses and color options.

Additional PORON Cushioning variations with Microban® antimicrobial protection may also be available upon special order.

Rogers recommends textile or leather covering for additional comfort and wear strength. Please contact your Rogers Customer Service Representative for more details.

**For a more complete review of the study, contact the Rogers marketing department.*

MICROBAN PROTECTION FIGHTS STAIN- AND ODOR-CAUSING BACTERIA



*AMMONIA PRODUCTION BY *PROTEUS VULGARIS* ON URETHANE FOAM

Reducing odor with Microban® antimicrobial protection

Warm, moist environments – such as shoes, sports equipment and apparel – provide favorable conditions for bacteria and developing odors. Hot, sweaty gear quickly becomes moldy, bacteria-filled, stinky gear. It happens to everyone, but it doesn't have to.

The Test

The internationally recognized JIS Z 2801 test was modified to accommodate the foam matrix to compare untreated PORON Cushioning Material samples to PORON Material samples treated with Microban antimicrobial protection.

The Results

The results showed that after 18 to 24 hours, PORON Cushioning Materials treated with Microban antimicrobial protection eliminated 99% of odor production, keeping materials fresher, longer.

For a more complete review of the study, contact your Rogers Corporation representative or the Rogers Corporation marketing department.