

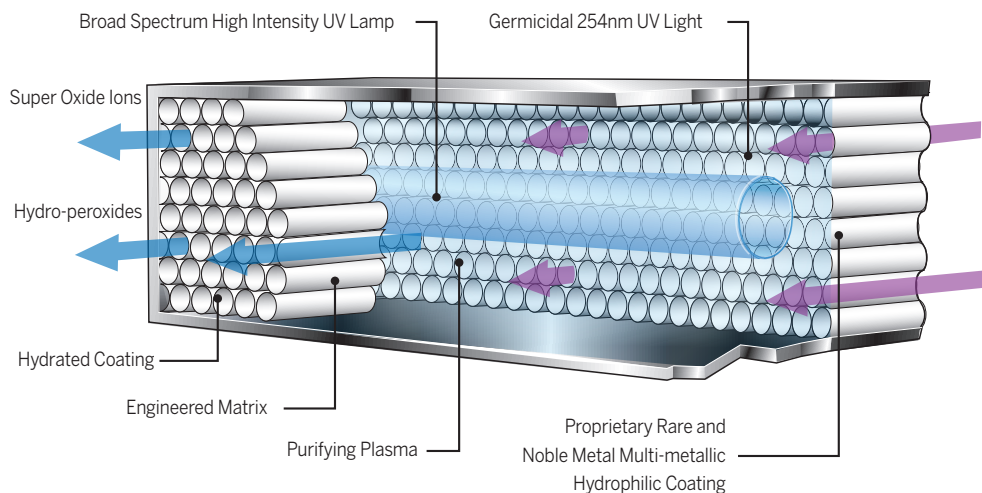


# ACTIVE PURE<sup>®</sup>



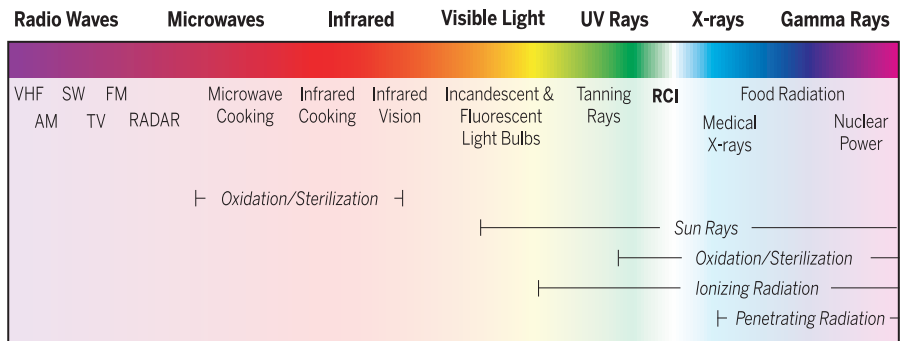
## THE ACTIVEPURE<sup>®</sup> (RCI) CELL

By engineering the proper light wavelengths into the ActivePure<sup>®</sup> cell, Vollara<sup>®</sup> has developed a highly effective system designed to utilize germicidal UV light. Falling between visible UV light and invisible X-rays in the light spectrum, germicidal UV makes use of the same oxidation and ionizing properties of light as naturally occurring sunlight. ActivePure<sup>®</sup> is created by taking advantage of these ionizing properties and combining them with the photocatalytic reactions of specific rare and noble metals. This innovative use of light is what helps make ActivePure<sup>®</sup> so effective.



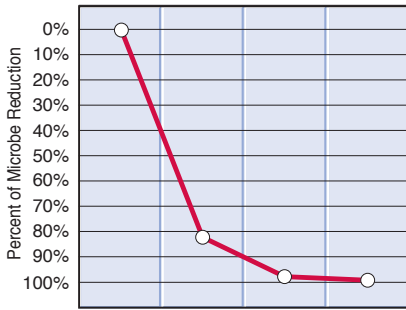
## ADVANTAGES OF ACTIVEPURE<sup>®</sup> (RCI<sup>™</sup>):

- Germicidal UV for microbe inactivation
- Germicidal UV for Catalytic Advanced Oxidation Process (AOP) reactions
- Combination of UV wavelengths to produce AOP reactions in the air
- AOP reactions inactivate microbes as well as destroy odors
- AOP reactants remain effective after leaving the unit as a "purifying plasma"

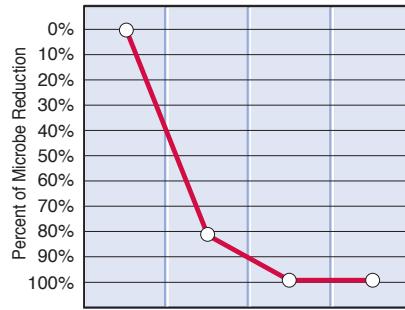


## Effects of ActivePure® Technology on reducing common contaminants on surfaces\* in 24-hour testing

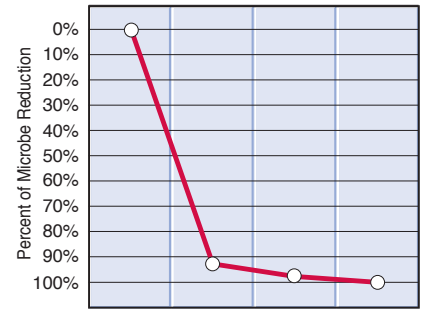
**S. aureus** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



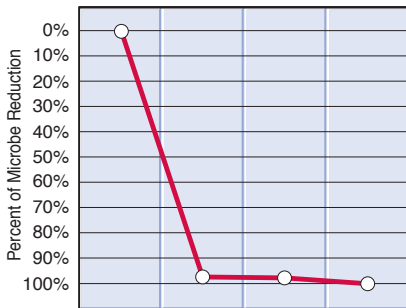
**E. Coli** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



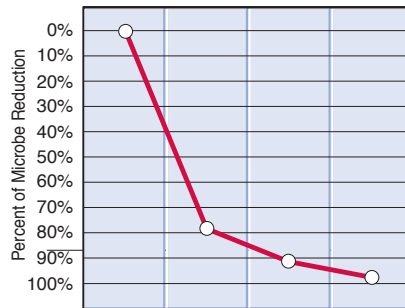
**Bacillus spp.** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



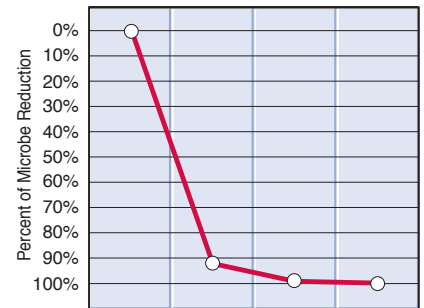
**S. aureus r** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



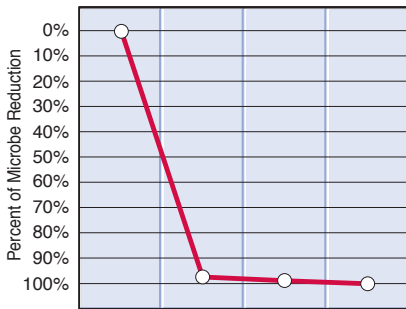
**Streptococcus spp.** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



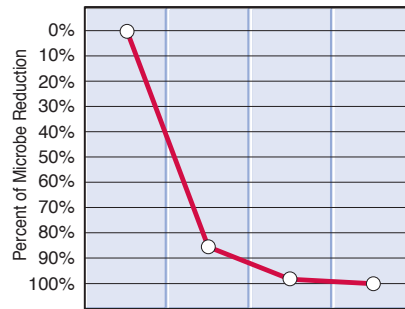
**Pseudomonas spp.** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



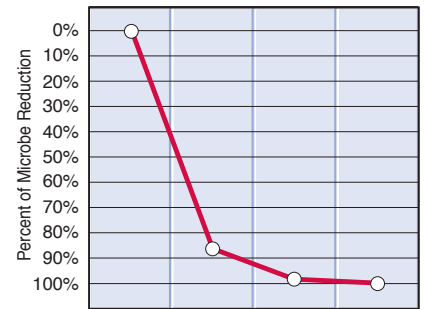
**L. monocytogenes** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



**C. albicans** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



**S. chartarum** Average of two 24-hour tests  
0 hrs 2 hrs 6 hrs 24 hrs



*Field results may vary based on environmental conditions.*

\* Published scientific studies conducted on behalf of activTek by Dr. James Marsden at Kansas State University demonstrated that activTek's ActivePure® technology substantially reduces microbial populations on surfaces. The study's results are being provided solely for informational purposes. The study's results have not been reviewed by the FDA, EPA or any other governmental agency. Our products are not medical devices and are not intended to diagnose, treat, or cure any disease.