

» TECHNICAL RELEASE

A.R.T™ PINHOLE BARRIER TECHNOLOGY

A.R.T™ Technology is a proprietary process, integrated into the manufacturing line that helps add an extra level of robustness by minimizing possible defects that may later result in pinholes

Long, sustained and sometimes rigorous surgical procedures may impact the integrity of the glove being used. Glove punctures or tears occur as a result of micro-defects or weaknesses that are amplified during prolonged use in the O.R.

The best-case scenario for healthcare workers is the total elimination of a possible glove breach incident. Ansell's R&D team have developed a technology that will help to avoid pinholes in surgical gloves.

A.R.T Technology enables Ansell to take an extra step to provide adequate barrier protection against bi-directional transfer of microbes between patients and glove wearers by reducing the risk of pinhole formation. By delivering a higher quality glove, healthcare workers can perform a safe and sterile procedure with confidence.

THE SCIENCE BEHIND A.R.T TECHNOLOGY

Integrated into the manufacturing process, this proprietary technology takes a pre-emptive approach by sealing micro-defects found on glove formers with a special coating resulting in a smooth finish that reinforces the strength of the finished glove product.

A coating is applied over the glove former to seal any micro-defects, creating a smooth finish and delivering a consistent thickness across the glove. This minimizes irregularities that may later result in pinholes



GAMMEX® Latex



GAMMEX® Non-Latex PI

More O.R. staff around the world prefer Ansell surgical gloves than any other brand.¹



A.R.T™

Pinhole Barrier Technology

For full range of products featuring A.R.T™ Technology, visit www.ansell.com/healthcare

References:

1. Data on file.