

InvisiShield™

Antimicrobial Delivery System



CREATE
COLLABORATE
INNOVATE

RE-IMAGINING PRODUCE PACKAGING SOLUTIONS

While clamshell-style packaging is often the default choice for berries and other produce sold at retail, innovations in active material science and packaging technologies have made it possible to leverage a more sustainable packaging solution that also protects against foodborne illness. Learn how InvisiShield™ technology provides a cost-effective, consumer-friendly, and sustainable solution to the food safety challenges associated with fresh produce.



**Prevent Mold and Foodborne Illnesses.
Protect Your Customers and Your Brand.**

InvisiShield™

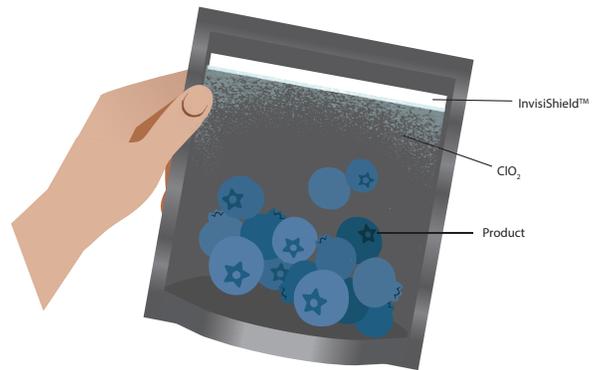
Antimicrobial Delivery System

Safe, Effective, Sustainable
Food Safety Solutions

Aptar's InvisiShield™ antimicrobial delivery system is an active material science innovation that delivers an antimicrobial agent inside the atmosphere of a closed package of fresh produce to reduce pathogen growth, making it safer than ever to offer fresh, nutritious foods to customers.

HOW IT WORKS

- InvisiShield™ treatment is applied as a strip to the top of the package the moment it is sealed at the processing plant.
- Humidity inside the package triggers the controlled release of an antimicrobial agent into the atmosphere surrounding the food, attacking mold, viruses, bacteria, and fungi.
- Antimicrobial agent deteriorates, leaving no trace on the food, maintaining quality and freshness.



BENEFITS

- Cost-effective solution is more affordable than traditional clamshell packaging
- Smaller and lighter packaging reduces transportation costs
- Fiber tray and pouch packaging options made from sustainable materials
- Reduces food waste
- Increases food safety by mitigating outbreak risk without compromising quality, taste, or texture.
- Easy to open and close, lightweight packaging options delivers improved consumer experience.
- Delivers superior food safety and quality.
- 99.9% effective against viruses, bacteria, and fungi.
- Maintains delicious product, leaving no trace of protective treatment.
- Self-determined GRAS (Generally Recognized as Safe).

NEW COMPOSTABLE ACTIVE PACKAGING OPTIONS AVAILABLE



Compostable molded fiber trays made from plant fibers and biomass offers a familiar tray format with a biodegradable lidding film that offers full product visibility.

INVISISHIELD™ TECHNOLOGY INSIDE



Fully compostable pouch is cost-effective, flexible and convenient to use with a carrying handle and zip closure.