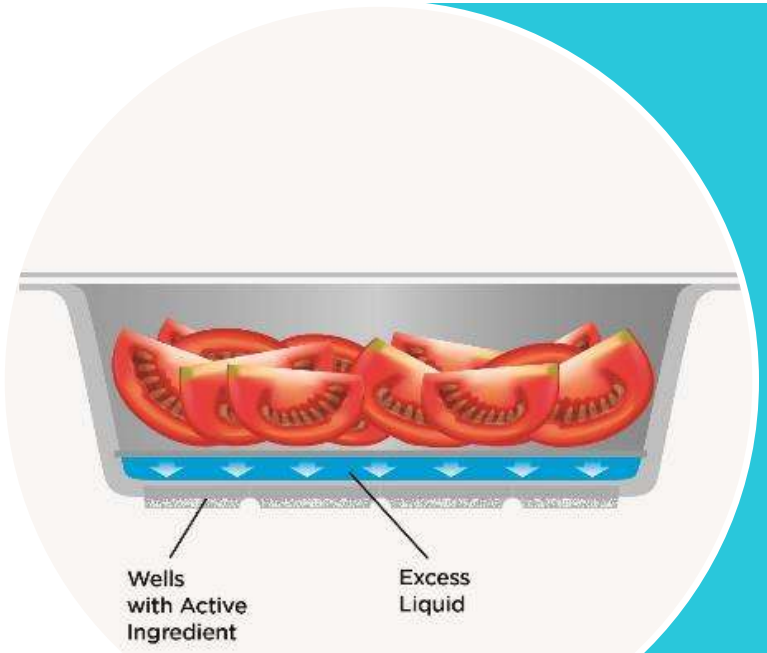
Aptar's Material Science Complete Solution

Aptar's FreshWell™ Absorbent Trays

- Extends shelf life
- Reduces waste
- Expands distribution range
- Eliminates need to spin dry = improved yields, reduced product damage



The FreshWell™ System Difference

Aptar CSP Technologies

Freshness

We protect your product's key attributes and deliver it to your customer fresher for longer

Safety

We can reduce the level of pathogens in package
We reduce growth of microflora

Convenience

We provide a variety of customer options for you and your customer



"We bring solutions to enhance your customer's experience"

Reduced Waste

We reduce waste in the processing and distribution stages of your product

Reduce Risk

We can serve as an additional CCP, preventing or reducing the risk of an outbreak

Consistency

We help your deliver a more consistently fresh product

Confidential and Proprietary Property of Aptar CSP Technologies

FreshWell™ Absorbent Technology incorporated into rigid trays, pouches, or pads.

Aptar
CSP Technologies













FreshWell™
Absorbent Packaging Systems

Confidential and Proprietary Property of Aptar CSP Technologies

Aptar's Material Science Complete Solution

InvisiShield™ Technology



Aptar CSP Technologies

1

BASE POLYMER

Polypropylene

2

ACTIVE COMPONENT

Antimicrobial

3

CHANNELING AGENT

Controls release of active



- Mitigate outbreak risk without compromising quality, taste, or texture
- **99.9% effective** against viruses, bacteria, and fungi
- Increased food safety and quality
- Maintains delicious product, leaving no trace of protective treatment

Confidential and Proprietary Property of Aptar CSP Technologies

Aptar's Material Science Complete Solution

Permeable Lidding Film

Aptar's permeable lidding film is carefully selected to deliver an optimal oxygen transmission rate (OTR) that:

- Reduces oxidative degradation
- Slows growth of bacteria and mold commonly found on fresh fruits and vegetables
- Extends shelf life
- Delivers a better tasting and safer product

