



# BlindSpotz™

freeze spot sensors

BlindSpotz™ freeze technology enables cold-chain monitoring to be printed directly at the package-level, offering detection of lowering temperatures that could affect the quality and efficacy of your product.

Blindspotz can be printed directly on your product label, applied as a secondary device or printed on a card with customized instructions on how to handle upon receipt. Twenty percent of temperature-sensitive products are damaged during transport due to a broken cold chain. Whether you need to track the “last mile” for a vaccine drug, assure consumer safety for a food product or protect your brand from misuse, Blindspotz offers a cost-effective solution to alert you if an extreme temperature has been reached.



Safe



**EXPOSED TO  
FREEZING  
TEMPERATURES**

Unsafe



## PHARMACEUTICAL

7 of 10 leading pharmaceutical products require temperature-controlled transportation and just 2°C of temperature variation could completely ruin a pharmaceutical shipment. Each shipment must be carefully inspected to ensure there is no delivery of prescription drugs that have been damaged in storage or held under improper conditions.

Applied at the product-level, Blindspotz Freeze allows you to know which vials or containers have been exposed to freezing temperatures that could affect the efficacy of your pharmaceutical without having to discard the entire shipment.



## FOOD

According to the Center for Disease Control and Prevention, about 48 million people in the U.S. (1 in 6) get sick, 128,000 are hospitalized, and 3,000 die each year from foodborne diseases. This is a significant public health burden that is largely preventable. With BlindSpotz Freeze technology printed at the package-level, you will have visibility into each step of the supply chain. This allows good product to continue to the consumer and poor product be evaluated and discarded.

## INDUSTRIAL

When a paint, coating or chemical has been frozen, the effectiveness of the product can decline. Unfortunately, a consumer doesn't know that the product's quality has been compromised until the product is in use. Blindspotz protects your brand and customer loyalty, as product can be inspected throughout the supply chain and all the way up to the point of purchase.

## SPECIFICATIONS

Color Change	White to Blue
Temperature Range	+/- 1°C formulations available from 4° to -4°C
Color Development	Over 2 degrees
Application	On package, adhesive backed or on a card
Size	Customized based on your need