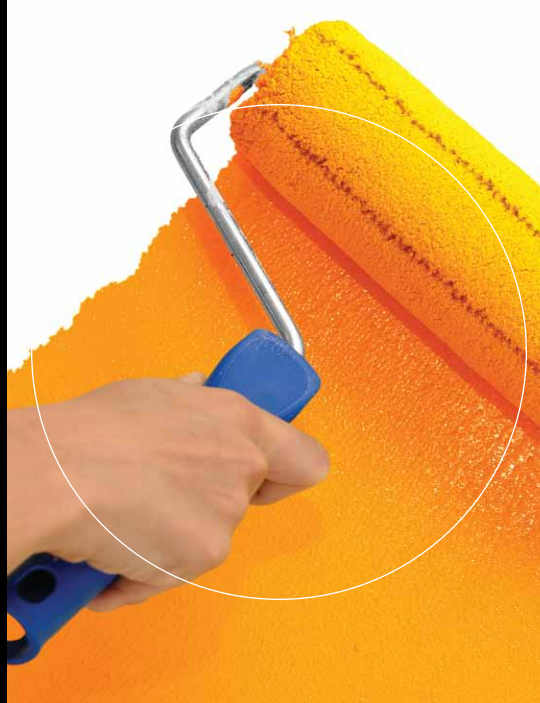


FREEZE CHECK™

Descending Irreversible Indicators



Freeze Check™ features a durable, compact indicator that tells you at a glance if industrial products, chemicals or liquids have been exposed to sub-freezing temperatures.

Certain industrial shipments must be protected from sub-freezing conditions to avoid damaging effects that could make them unsafe or unsuitable to use. ATI's patented Freeze Check protects you from these risks, and the associated costs, anywhere in your supply chain.

efficient and economical to use, easily monitored with self-activating, one-step indication and ideally suited for the task due to their durable, low-profile design.

With ATI's industrial expertise and 360 degrees of responsive customer service, you can expect a reliable, cost-effective solution precisely tailored to meet your needs.

Freeze Check offers three distinct advantages for industrial applications. They're especially





Freeze Check indicators give you an accurate, affordable and durable solution that makes it easy to tell if your products have been exposed to sub-freezing temperatures in transit.



Prior to exposure to 0°C or subfreezing temperature

After exposure to subfreezing temperature

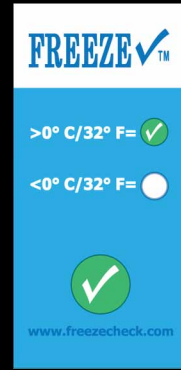
Uncover cold-damaged products on the spot.

Fast, affordable risk reduction. Freeze Check™ offers an ideal alternative to inefficient or costly monitoring. Its flexible design easily adheres to the contours and surfaces of industrial products, drums and other containers. With a low per-unit cost, you can apply them anywhere there's a potential for damage from sub-freezing temperatures.

Worry-free setup and use. Along with flexibility, Freeze Check offers other notable advantages for industrial applications. Its self-activating design means setup is as easy as applying the self-adhesive label. Unlike other indicators, there's no need to remove Freeze Check and hit or shake it to determine exposure to freezing temperatures. Even disposal is simplified because it contains no hazardous materials.

One-step visual indication. Freeze Check features a check mark on a green circle. Temperature-sensitive liquid is encased in a clear bubble over the check mark. The fluid will turn opaque once it has been exposed to subfreezing temperatures. Now, you won't overlook a product that froze in transit, even if it thaws before it reaches the destination. Anyone in your supply chain can easily see if a product has been exposed.

Durability for the task. ATI designs Freeze Check for the toughest applications. It's tested to withstand 100 psi of pressure. Lack of glass or rigid plastic components is another advantage that separates it from others. For further durability in shipping and handling, you'll appreciate the flexible, low-profile design.



Specifications

Response Temperatures:

0°C/32°F; -5°C/23°F

Technology also available for formulations down to -8°C

Accuracy: +0°C/-1.5°C

Tighter accuracy available upon request

Average Burst Strength: >100psi

Format: Self-adhesive labels

Indicator Display:

Unfrozen (not triggered): green circle with check mark is clearly visible

Frozen (triggered): fluid in bubble is opaque, shielding view of check mark

Indication Type:

Temperature-sensitive fluid

Environmental:

Non hazardous, normal disposal (no glass components)

Activation: Self-activating

Ideal Storage: Refrigeration (5°C ±3°C)

Shelf Life: 2 years



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