



Fresh-Check[®] Indicator

Helping Manage Food Freshness



Leading Edge Technology, Easy to Use and Understand

The Fresh-Check® Indicator is an intelligent companion to product date codes on the package. It contains a reactive material that changes color irreversibly — faster at higher temperatures and slower at lower temperatures — so it's easy to see when the specified time and temperature limit for a product has been reached or exceeded.


The Practical Aspect

Fresh-Check® Indicators are affordable and easily affixed to each individual food item. They are constructed of durable materials, supplied in rolls and designed for high speed label application.


Customized to Every Product

Fresh-Check® Indicators are specifically formulated for your product's life requirements (e.g., 8 days at 40°F or 23 days at 40°F).


Fresh-Check® Indicator
 Extra check ✓ for freshness™



USE



USE NOW



DO NOT USE

Use before center is darker than oval

Active Material

Fresh-Check® Indicators are available to monitor from several days of refrigerated temperature to several months based on manufacturer's requirements.

Color Reference

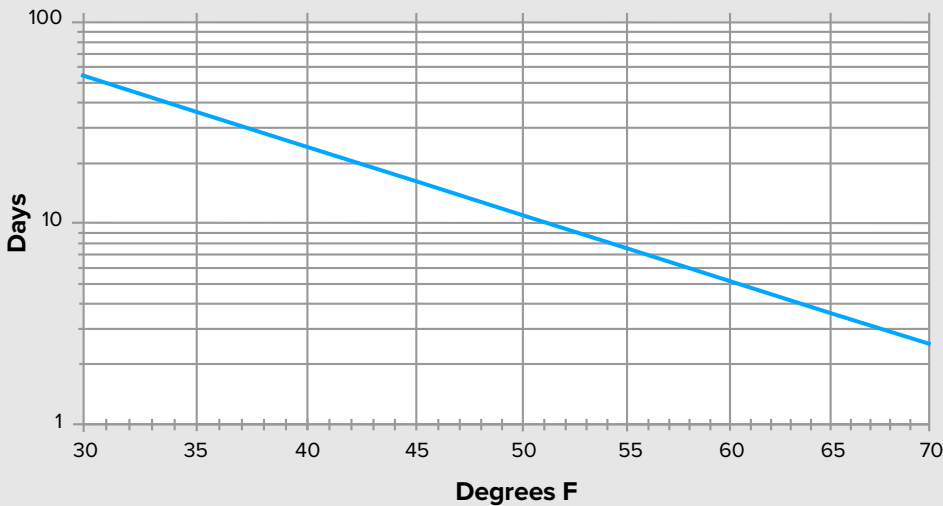
Printed in a constant color, it indicates the fresh food product's limit.



Protective Covering

Fresh-Check® contains an ultraviolet filter that protects the indicator.

Time and Temperature Impact Product Life



| Temperature | Product life |
|--------------|-------------------|
| 36°F | 31 days |
| 40°F | 23 days |
| 46°F 60°F | 14 days 5 days |

Example: 23-day product life at 40°F

Fresh-Check® Indicator

A Fresh New Relationship Between You and the Consumer

How Fresh-Check® Has Proven to Add Value:

For a retailer: In Europe, a leading supermarket chain enhanced their image increasing overall refrigerated business by using the Fresh-Check® Indicator on 400 perishable store brands.

For a manufacturer: In the Middle East, a leading dairy and juice supplier increased sales of its brand by 30% using Fresh-Check® on its milk, fruit juices and yogurt in a successful move to a “freshness” positioning.

Here's What Fresh-Check® Can Do for You:

- Influence purchase decisions in store
- Enhance freshness positioning
- Add consumer value to support your brand
- Strengthen brand loyalty
- Show extra care for your consumers
- Encourage trial of new products

What Customers Are Saying:

“It’s a huge step forward for customers to tell whether or not a product should be eaten.”

Consumer Goods Sales and
Purchase Manager

“The Fresh-Check® Indicator gave considerable impetus to the company’s brand comeback program.”

Marketing Director,
Dairy and Juice Supplier

“This device has improved our working practice in cold-chain management.”

Managing Director



Fresh-Check® Indicator

Scientific Credibility and
Demonstrated Reliability

In Healthcare

The Fresh-Check® Indicator is based on the same technology as the time-temperature indicator that was developed, at the request of the World Health Organization, to confirm that vaccines had not been overexposed to heat.

20+ years later, more than 8 billion indicators have proven their great benefit for Public Health, and have firmly established the Zebra Indicator's credibility in the Pharmaceutical world of vaccines.

So, now, the use of a time-temperature indicator on each vaccine is a critical requirement and characteristic of the vaccines to be supplied by vaccine manufacturers for global vaccination campaigns.

In the Food Industry

A European supermarket chain has confirmed the freshness of its perishable private label brands to their customers; 50 suppliers use the Fresh-Check® indicator on 400 private label products.

The Fresh-Check® indicator is also used in applications by US Department of Defense suppliers, seafood processors, and hospitality suppliers on high-speed rail lines in Europe. It can be customized for food suppliers, co-packers, distributors, meal kit suppliers and retailers.



Global Quality Standards

Zebra processes satisfy the most recently adopted quality standards:

- ISO 9001 certification
- Multiple audits annually by leading pharmaceutical companies

Patented Technology

Holding more than 90 patents, Zebra is the world leader in time-temperature indicators (TTI's) that are manufactured for individual package use in the pharmaceutical and food markets.

Affordable

Zebra is capable of providing large scale quantities to our customers in a timely and inexpensive manner.

Tap into the future of temperature monitoring at www.zebra.com/temmonitoring

COMZ Zebra Fresh-Check Brochure V1



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