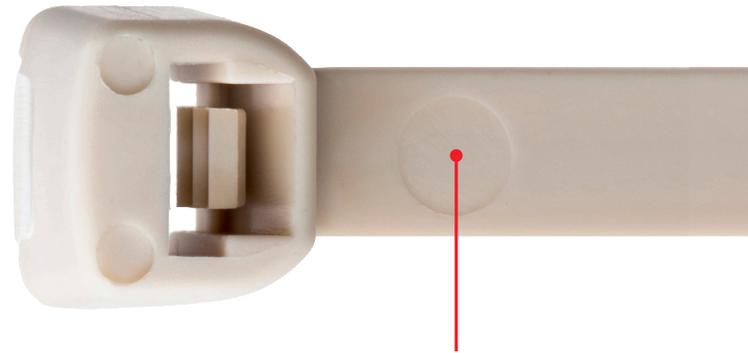


# Making a difference in food safety with bacteria-resistant installation products

ABB's dedicated Food and beverage products help solve your every day issues.



**Bacteria-resistant**  
99.9% effective for bacterial reduction on the surface of the cable tie.

## SuperClean™



### Bacteria-resistant wall offset spacers

- **No exposed flat surfaces** to prevent the collection and retention of liquids or debris
- The industry's first wall offset spacers that inhibit **bacterial growth on the spacer surface**
- Promotes a clean environment – **99.9% effective for bacterial reduction** on the spacer surface\*
- **Easy to install** with no on-site fabrication required

99.9% effective for bacterial reduction on the spacer surface\*

## Ty-Rap®



### Detectable cable ties

- Detectable by **metal detectors** set at minimum 1.5 mm diameter ferrous sphere\*\*
- Detectable by **x-ray equipment\*\*\***
- Bright blue color for **easy visual detection**
- Help achieve the HACCP EU-Directive, compliant to the FDA regulation
- Halogen free

Helps prevent secret ingredients in F&B products

## Ty-Fast® Ag<sup>+</sup>



### Bacteria-resistant cable ties

- The industry's first cable tie that **inhibits microbial growth** on the tie surface
- Protects itself against bacteria, mold and fungus
- Helps to reduce infection rate and spread of bacteria by not hosting microbial growth
- Made from FDA-compliant nylon resin
- Offers reliable Ty-Fast cable tie design for easy cable management
- UL® Listed, RoHS and FDA compliant
- Patent pending

99.9% effective for bacterial reduction



ABB Installation Products  
F&B Anti-microbial



ABB Installation Products  
F&B Extreme temperatures



ABB Installation Products  
F&B Corrosion resistance

\* For a complete list of bacteria effectiveness, please contact Technical Services at 1.888.862.3289.

\*\* Tested by Thermo Electron Corporation, Minneapolis, MN, USA.

\*\*\* Tested by Smiths Detection, Alcoa, TN, U.S.A.

# ABB bacteria-resistant installation products for plant continuity and consistent operations



Dedicated  
F&B products

The potential impact of recalls on your business:

- **Brand deterioration:** Clients can name the recalled brand
- **Brand deterioration:** Temporarily or permanently discontinue use
- **Increased cost per recall:** Unscheduled downtime and change over time
- **Hospitalizations or even loss of life:** Increase both food safety and people safety

The reality is that most food recalls are preventable



Trusted partner

Working with an ABB Installation Products specialist:

- **Broad and innovative offering:** the latest technologies of world leading brands
- **Local availability:** the installation products you need on hand at your local supplier
- **Qualified technical personnel:** to assist you quickly getting your plant back online
- **Installation training certification:** to help ensure plant sustainability



Free of cost  
plant assesment

Free of cost factory assessment:

- The **Plant Installation Product Assessment** conducted by ABB is a no-cost, confidential service that helps food and beverage processors find and address existing and potential electrical issues
- **Customized proposal:** after assessing your facility's installation system concerns, ABB provides a customized proposal of solutions that can help optimize your plant's systems



Sustainable  
solutions

Long term, sustainable solutions

- **Supporting clean-in-place (CIP):** High-performance electrical systems to work in clean-in-place (CIP) sanitation processes
- **Increasing operational equipment effectiveness (OEE):**
  - Extending the plant lifecycle
  - Reducing your capital expenditures



ABB Installation  
Products Plant  
assessment



## Talk to us

for a technical answer to your question  
from our Technical Sales Team:



888-862-3289



techsupport@us.abb.com

[electrification.us.abb.com](http://electrification.us.abb.com)

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