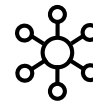
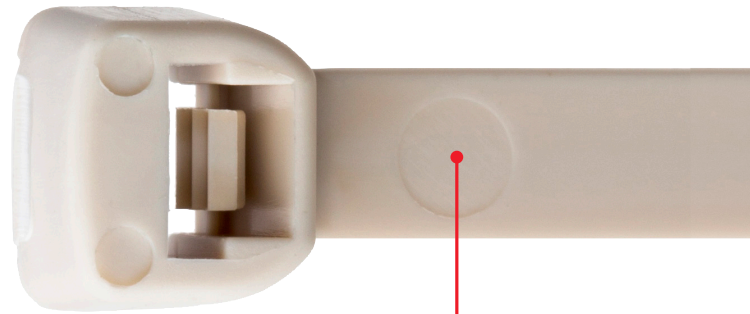


Making a difference in food safety with bacteria-resistant installation products

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⁺



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**



Trusted partner



**Free of cost
plant assesment**



**Sustainable
solutions**

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

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 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

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

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG.

©2021 ABB. All rights reserved