



**ROBROY
STAINLESS**

A ROBROY Brand

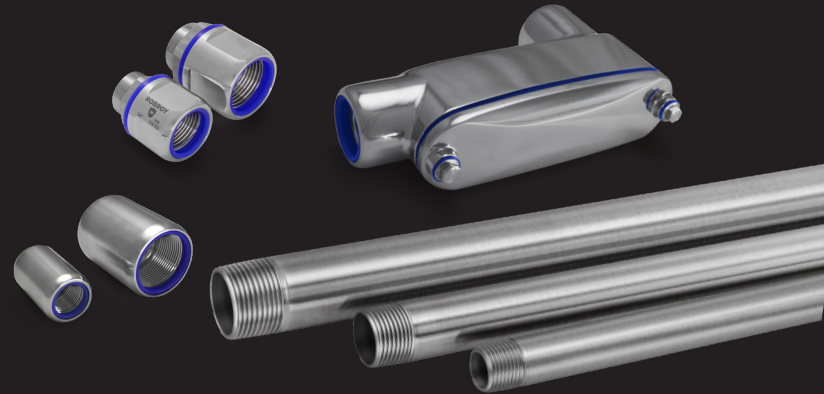
Redefining Stainless Steel Innovation

For Hygienic Electrical Raceways and Support Products

Electrical infrastructure installed in food and beverage, dairy, and pharmaceutical production areas carries a uniquely high risk of contamination that can threaten product integrity, employee safety, regulatory compliance, and brand reputation. At the same time, corrosion continues to compromise system life, driving premature replacements and unplanned downtime.

Whether you are an owner, engineer, OEM, or contractor, you shouldn't have to choose between hygienic compliance and electrical reliability. Installing the right hygienic products in the appropriate product zones helps mitigate contamination risk while delivering long-term corrosion protection.

The Robroy Stainless® food-grade line of products combines intelligent design with proven materials to strengthen operations, increase cleanability, improve sanitation, and reduce maintenance labor and costs.



DID YOU KNOW?

Nearly half of all food & beverage recalls in the U.S. are caused by contamination.

Source: Sedgwick Recall Index 2025, Edition 3

Answering the Challenge

CHALLENGE:

Meeting Standards

With stringent FDA and USDA regulations, contamination remains the number one risk for industries producing food, beverages, pharmaceuticals, and other consumable products. Electrical raceway systems with flat or indented surfaces, crevices, and debris-collecting features can become harborage points where harmful bacteria can grow and spread.

OUR SOLUTION:

Fully Sealed Sanitary Design

Robroy Stainless food-grade products are designed to deliver the highest level of protection in environments where sanitation is critical. Featuring curved geometry, smooth debris-shedding surfaces, and a fully sealed system, our products provide unmatched resistance to liquid, dust, and contaminant ingress, while maximizing cleanability and maintaining the strength required to withstand high-pressure, high-temperature washdowns.

CHALLENGE:

Foreign Matter Risks

Printed adhesive labels present significant contamination concerns. Paper labels are often removed during installation—consuming valuable labor time and eliminating critical onsite product identification and safety listing information. When left in place, labels can harbor bacteria, lose adhesion, and become foreign matter contaminants capable of entering production lines or finished products.

Even non-paper marking methods, like etching, casting, or laser-marking, can introduce micro-crevices and surface damage that promotes condensation, contaminate build-up, and accelerated corrosion.

OUR SOLUTION:

Permanent Clean-Surface Marking

Robroy Stainless utilizes a proprietary oxidative thermo marking process that permanently labels products without creating recesses or altering surface integrity. This helps prevent condensation retention and discourages dust and contaminant accumulation.

CHALLENGE:

System Integrity

Non-sanitary materials, exposed conduit threads, and vibration-vulnerable fasteners can compromise hygienic performance. Over time, mechanical vibration may loosen screws and hardware, creating potential foreign matter risks while allowing corrosive contaminants to infiltrate the system.

OUR SOLUTION:

FDA-Compliant Gaskets & Total Thread Engagement

Robroy Stainless food-grade products are designed as a fully integrated system and are engineered to perform reliably without compromising sanitary environments. Complete thread engagement eliminates exposed threads, while smooth surfaces resist bacterial harborage.

FDA-compliant blue silicone gaskets fill gaps and ensure optimized compression for superior sealing. Centerline threading and captive screw retention further enhance environmental ratings and help prevent component loss in sanitary production zones.



**ROBROY
STAINLESS**

A ROBROY Brand

Who Benefits from Choosing Robroy Stainless?

Owners & End Users

Benefit from reduced total cost of ownership (TCO) and improved food safety outcomes. Robroy Stainless provides a hygienic solution that delivers dependable corrosion protection and long-term durability.

Engineers & Specifiers

Gain assurance in selecting a raceway system designed for sanitary performance, certified to third-party standards, and proven to resist long-term corrosion, supporting consistent quality across projects.

Contractors & Installers

Achieve time and labor efficiencies through a raceway system engineered for simplified installation and tailored to meet specific application needs.



The Robroy Hygienic symbol makes it easy to identify products intended for use in the installation of electrical raceways for sanitary applications.

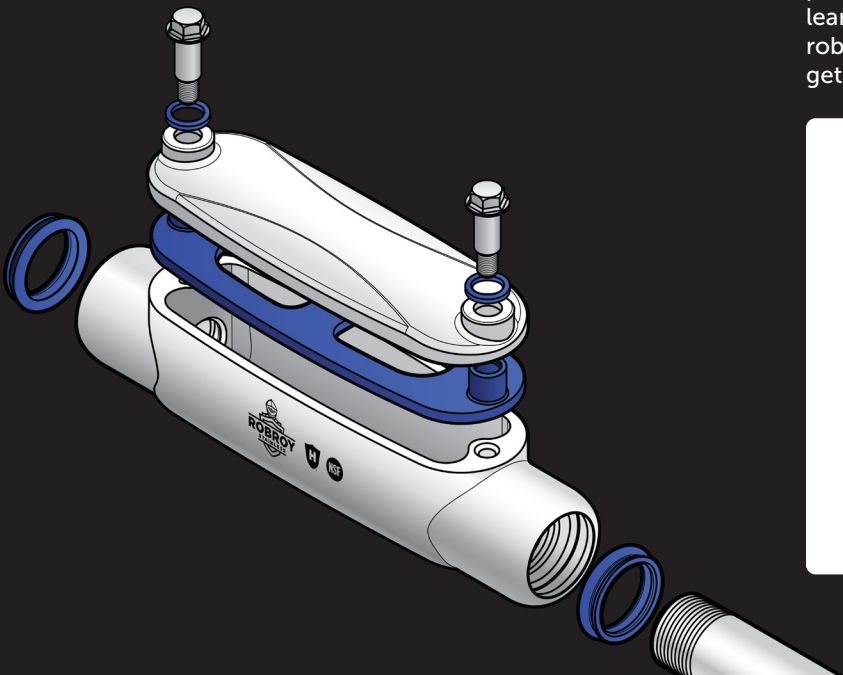


The NSF certification mark on a product means that the product has been tested and complies with all standard requirements of the NSF/ANSI/3-A 14159-1 and manufacturer's installation instructions.



Rocket Rack® stainless support products are pre-engineered and factory fabricated for electrical and mechanical installation. Rocket Rack works in perfect tandem with Robroy Stainless installations and offers benefits such as:

- **Safety**
- **Cleanability**
- **Labor Savings**



Make the Change

If you're ready to bring the highest level of corrosion protection to your plant, facility, or other infrastructure, learn more about the Robroy Stainless solution. Go to robroystainless.com or contact your Robroy representative to get started today.



Contact:

Phone:

Email:
