

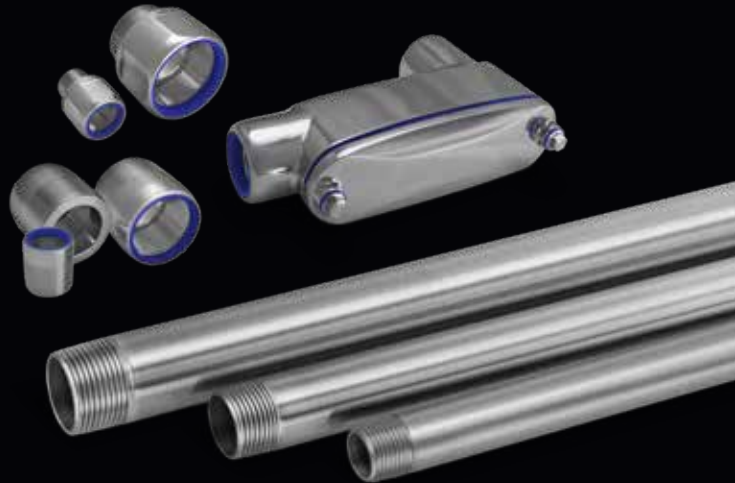
# Redefining Stainless Steel Innovation

For Food Grade Electrical Raceways



Electrical products and infrastructure in food and beverage, dairy, or pharmaceutical production areas pose a potentially high risk of contamination (biological, chemical and foreign matter) that can impact your business, your employees, your customers and even your reputation. Equally damaging is the threat of corrosion, exposing your system to dangerous and costly damage that could cut its life cycle short and require premature replacement.

Whether you are an owner/end-user, engineer, or contractor, you have enough on your plate to worry about. You shouldn't have to compromise between hygienic compliance or electrical safety for system reliability. Having the right hygienic products in the right product zones can mitigate contamination risks while reliably protecting against corrosion. Robroy Stainless' innovative blend of design and function is the smart solution for safety, strengthening operations, increasing cleanability, improving reliability and sanitation and yielding savings in maintenance labor and costs.



## Answering the Challenge

Contamination = 85% of All Food Recalls

### CHALLENGE:

#### Meeting Standards

With stringent FDA/USDA standards, contamination is the number one risk impacting industries involved in the manufacturing of food and beverage, pharmaceuticals and other products for consumption. Electrical raceways in plants with indented surfaces and crevices can be harborage points where harmful bacteria can grow and reproduce on product and non-product contact surfaces.



### SOLUTION:

#### Unique Design and Overall Sealed System

Robroy Stainless Hygienic products have been designed to provide the highest level of reliability and protection in environments where performance matters most. With innovative design, curved geometry and smooth surfaces, our overall sealed system offers an unmatched level of protection against ingress of liquids, dusts and contaminants while maximizing cleanability and the strength to withstand high-pressure and high-temperature sprays.

### CHALLENGE:

#### Labeling

Products with printed adhesive labels represent a number of challenges. Paper labels are often required to be removed during installation. This unproductive time spent results in the loss of onsite product identification and safety listing data that is vital. If paper labels are not removed, they can develop bacteria and/or experience loss of adhesion over time. The label can then become foreign matter and fall onto production lines or in actual products.

Non-paper labeling can also present contamination and corrosion risks. Etched or cast product labeling on the outer surfaces can create crevices and niches, and the use of traditional "laser marking" on products can mar surfaces, and no matter how slight, these processes can encourage condensation and/or contaminate build-up.



### SOLUTION:

#### Oxidative Thermo Process

Robroy Stainless stands out from traditional labeling methods. Our leading-edge oxidative thermo process permanently labels our products with no recesses and it does not disturb the product itself, thus discouraging dust particle or condensation retention.

### CHALLENGE:

#### Components

Some parts or components of electrical infrastructures may not be designed for sanitary operations with approved non-food grade material, and others may expose conduit threads to corrosive contaminants. Also, ongoing mechanical vibrations can loosen parts, such as screws and nuts, potentially turning them into foreign matter contaminants.



### SOLUTION:

#### FDA Compliant Silicone Gasket & Complete Thread Engagement

Robroy Stainless' entire platform is designed to provide an installed system that performs in its environment without adversely affecting it. Its hygienic product design ensures complete thread engagement and is designed to withstand the rigors of sanitation and defend against hazardous bacteria by continuously shedding debris. The FDA-compliant blue (non-food color) silicone gasket fills gaps, and in conjunction with mechanical stops, guarantee optimized compression for superior sealing. Robroy Stainless Hygienic components also feature centerline threading and captive screw retention to maximize environmental ratings.



# Who Can Benefit From Choosing Robroy Stainless

## Owners and End-Users

concerned with TCO (Total Cost of Ownership) and lowering risks involving food safety and their plant's infrastructure find Robroy Stainless' complete system a perfect fit for FDA-USDA regulated facilities with reliability, ease-of-cleanability and protection from costly corrosion damage.

## Engineers

can specify Robroy Stainless Steel's raceway system with confidence in its quality protection against long-term corrosion damage, sanitary design and third-party certifications. The Robroy® Hygienic symbol makes it easy to identify hygienic products intended for use in the installation of electrical raceways.

## Contractors

can minimize labor costs on their job site with Robroy Stainless' certified installation and ongoing safety during construction and as the product goes into actual use.



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

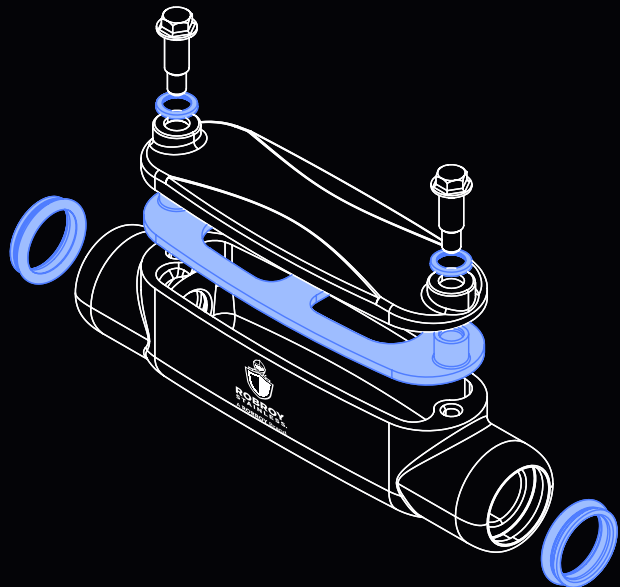


The NSF certification mark on a product means that the product has been tested and complies with all standard requirements of the NSF/ANSI/3-A 14159-1 and manufacturer's installation instructions.



Rocket Rack® is the pre-engineered and factory fabricated sanitary support system for electrical and mechanical installations that works in perfect tandem with Robroy Stainless Steel installations. It offers a complete system of components and hardware that work together for:

- SAFETY
- CLEANABILITY
- LABOR SAVINGS



## Make A Change

If you're ready to bring the highest level of hygienic and corrosion protection to your production facility or to learn more about the Robroy Stainless Steel solution, go to [RobroyStainless.com](http://RobroyStainless.com) or contact your Robroy Representative to get started today.



Contact:

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Phone:

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Email:

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