

**CALBRITE™ STAINLESS STEEL
HYGIENIC SOLUTIONS**
for Sanitary Applications



Atkore™
Calbrite

Stainless Steel Conduit Systems: The Critical Choice for Hygienic/ Sanitary Applications

- Stainless steel conduit systems hold up best against today's intense washdown pressures, chemical concentrations and temperatures
- Stainless steel is easy to clean, corrosion and damage resistant, and easy to sanitize, making it the best choice for meeting HACCP, FSMA and ASME food safety standards
- UL listed, code compliant and NSF approved for safety and sanitation
- Stainless steel stands up to acidic chemical washdowns, resists pitting and stress corrosion cracking
- Stainless steel is easily sterilized to prevent bacteria growth



Why Stainless Steel?

- **Corrosion Resistance** - Stainless steel alloys provide excellent resistance to corrosives at extreme temperatures in most industrial environments
- **Easy to install** - Calbrite products do not require any special tools
- **Lowest total cost of ownership** - For many applications, stainless steel has the lowest maintenance and total lifecycle cost of any UL Listed conduit material
- **Hygienic** - Stainless steel holds up against harsh chemicals and extreme temperatures during washdown procedures

Why Calbrite?

- US-based distribution centers provide the fastest deliveries
- Industry's largest product offering of stainless steel conduit and accessories
- Standard, custom and unique products - Type 304 & 316 stainless steel
- QA program complies with UL, CUL, ANSI, NEMA, NSF standards
- **Proud to Offer More SKUs, More Made in the USA, and More UL and NSF Products than our top competitors**



When it Comes to Sta

Atkore is the only Manufacturer of Rigid Steel Conduit, Intermediate Metal Conduit and Electrical Metallic Tubing conduit, all available in 304 and 316 Stainless Steel.

Rigid Steel Conduit

Exceeding the limitations of aluminum, fiberglass, rigid steel, PVC, and PVC coated conduit, Calbrite's Type 304 and 316 UL listed stainless steel rigid conduit exceeds current requirements for wash down and harsh/corrosive environments and satisfies the strictest mandates for plant cleanliness by various state agencies and hundreds of common regulatory requirements.



IMC

Stainless steel Intermediate Metal Conduit (IMC) is often specified in corrosive environments where it is subjected to harsh chemical treatments or wash-downs due to its lighter weight, precise tolerances, and ease of installation. Weighing 27% less than Stainless Steel Rigid conduit, Stainless Steel IMC lowers material and shipping costs. Per the National Electrical Code, SS IMC, is allowed for installation anywhere SS Rigid is used.

EMT

Calbrite stainless steel EMT conduit weighs 31% less than Stainless Steel Rigid conduit, requires no threading, and provides a lightweight, affordable, easy-to-handle conduit assembly. Stainless EMT is joined by way of NEMA 4X Connectors, making it a very good option in washdown environments.

Atkore Calbrite has incorporated a comprehensive and custom-designed fiber laser marking process to effectively apply product information and labeling to our stainless steel conduit and fittings.

Key Benefits:

- Creates high quality, high contrast mark without creating a surface texture
- Eliminates possibility of debris or bacteria forming around paper label
- Prevents water from collecting in and around label area
- Eliminates the risk of paper label falling off, into food or beverage products
- Produces durable marking that avoids fading over time due to environment, high temperature or harsh cleaning solvents
- Safe, fast marking process, with minimal energy consumption



Stainless Steel Hygienic Solutions,

Hygienic Flex

Manufactured in type 316 stainless steel with a smooth water-tight white or blue FDA approved hygienic PVC Coating.

- IP69 Rated
- NSF-ANSI 169 Certified
- UL / CSA Listed



Hygienic Flex Fitting

This stainless fitting is corrosion and oil resistant and ensures high mechanical strength.

- IP69 Rated
- NSF-ANSI 169 Certified
- UL / CSA Listed



BriteRail™

A new, innovative design in conduit support systems for sanitary and Hygienic applications commonly found in wash-down environments. The patented dome-shape design eliminates any surface where debris or bacteria can form and eliminates the ability for water to pool during the wash-down process.

- NSF-ANSI 169 Certified



FlatRail

Specially designed for all mounting applications for sanitary and wash-down environments commonly found in food processing and pharmaceutical industries. The custom flat-shape design eliminates any surface where debris or bacteria can form, and the continuous slot design provides maximum flexibility and reduced labor time to install.

- NSF-ANSI 169 Certified



All you Need is Atkore

IP69 Rated Conduit Bodies with FDA Approved White Neoprene Gasket

Calbrite's UL listed, laser marked, NSF approved and IP69 rated conduit bodies provide the best-in-class performance in harsh and wet environments. The solid type 316 stainless construction permits easy installation using ordinary hand tools and does not require additional components or costs to achieve maximum protection and compliance with sanitary requirements.

- Conduit Body Formations: LB, T, LL, LR, TB, C, X



In Use Covers/Weatherproof Covers

Calbrite's In-Use and Weatherproof Covers are used to protect electrical connections in wet conditions and are UL listed and NEMA approved for wet locations. These heavy-duty stainless steel covers can be used with multiple devices, and provide high strength, superior corrosion resistance, and wide temperature ranges.

- NEMA 4X Approved
- Mounts to all stainless steel device boxes
- Designed for use with duplex receptacle and GFCI devices



Split Ring Clamps

Calbrite's stainless steel Split Ring Clamps are designed for mounting and securing conduit, horizontally or vertically, away from the wall or device in wash-down or corrosive environments when used with Calbrite's Mounting Plates and Extensions.

- Polished to a bright, easily maintainable finish that is modern, attractive, easy to clean, and that also enhances the surface's resistance to pitting and bacterial corrosion



Compression Fittings

Calbrite's NEMA 4X approved Compression Fittings are used to join stainless steel conduit to a box, enclosure or other fittings. These fittings provide significant savings in time and labor due to specially designed, quick-tightened assembly and connections.

- Designed for use with stainless rigid and IMC
- Polished with standard "brite" finish to increase corrosion resistance and aesthetic appearance





Allied Tube & Conduit ◊ AFC Cable Systems ◊ Heritage Plastics ◊ Unistrut ◊ US Tray
Unistrut Construction ◊ Marco ◊ Cii ◊ Razor Ribbon ◊ Calbond ◊ Flexicon ◊ Kaf-Tech
Power-Strut ◊ Calconduit ◊ FRE Composites ◊ United Poly Systems ◊ Sasco Strut ◊ Calbrite
Elite Polymer Solutions ◊ ACS/Uni-Fab ◊ Vergokan ◊ Columbia-MBF ◊ Calpipe Security
Northwest Polymers ◊ Cascade Poly Pipe + Conduit ◊ Queen City Plastics ◊ Cope

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