

## Stainless Steel Conduit Systems

### WHY CALBRITE?

Headquartered in Hobart, IN, Calbrite is the leading name in stainless steel conduit systems for harsh and corrosive environments. We have largest offering of stainless steel conduit systems in the industry, with over 2,800 SKU's manufactured to strict guidelines set forth by UL, CSA, ANSI, NSF and NEMA.

If you have a need for a unique product, or need a product converted to stainless steel, we can work with you to develop custom products quickly and at a competitive price.

### WHY STAINLESS STEEL?

#### BROADEST SELECTION - BETTER RESPONSE - BEST PERFORMANCE

**Corrosion-resistance.** Both 304 and 316 stainless steel alloys provide excellent resistance to corrosives, at extreme temperatures and in most industrial environments. When scratched, stainless steel's exposed metal "self-heals", oxidizing over the abrasion to protect against further corrosion.

**Longevity.** The durability of conduit systems, frequently in excess of 50 years, reduces the need for costly maintenance or replacement needs, providing long term protection for your facility and optimizing your equipment investment.

**Lowest total cost of ownership.** For many applications, stainless steel has the lowest maintenance cost and the lowest total lifecycle cost of any other UL Listed conduit material. This is due to the durability of stainless steel. It will outlast other materials, require little, if any, maintenance, and is easy to install (contractors only need their standard tools).

**Environmentally-friendly.** Stainless steel retains structural and anti-corrosive properties in temperatures ranging from cryogenic to hundreds of degrees and does not burn and emit dangerous smoke and carcinogens. Additionally, stainless steel is recyclable.

**Easy to install.** Calbrite stainless steel conduit and fittings do not require installers to use special tools or labor-intensive procedures for installation, and stainless is in full NEC compliance for all facilities.

Stainless steel provides a reliable, durable conduit that ensures uptime, increases productivity, and provides a long service life in industrial and commercial applications. Stainless steel is the first choice for these applications:

- Food & Beverage
- Mining
- Pharmaceutical & Cosmetics
- Power Plants
- Pulp & Paper
- Water & Wastewater Treatment Facilities
- Petrochemical
- Architectural & Structural Design
- Marine & Coastal Facilities
- Transportation
- Other Corrosive Environments

## Stainless Steel Conduit Systems

### Stainless Steel Conduit, Nipples, Elbows

- Rigid Conduit, Nipples & Elbows 1/2" – 6"
- IMC Conduit, Nipples & Elbows 1/2" – 2"
- EMT Conduit, Nipples & Elbows 1/2" – 4"

**Material:** Type 304 & 316  
**Specifications:** SS Rigid - cULus 6A, NSF / ANSI 169  
 SS IMC - UL 1242, NSF / ANSI 169  
 SS EMT - UL 797A, NSF / ANSI 169



### Stainless Steel Flex Conduit and Fittings

- Bare Flex Conduit
- Coated Flex Conduit
- Flex Connector Straights, 45's, and 90's
- Size Range: 1/2" – 4"

**Material:** Type 316  
**Specifications:** NEMA 4X (Coated Flex & Connectors)



All Flex Conduit provided in 25' coils

Available in Bare, Gray PVC, Clear PVC, FDA approved PVC and Low-Smoke Zero Halogen

### Stainless Steel Conduit Bodies

- Body Style Form 8: C, LB, LL, LR, TB, T, X
- Size Range: 1/2" – 4"

**Material:** Type 316 cULus 514A  
**Specifications:** cULus 514A



All conduit bodies include cover & gasket set

### Stainless Steel Hubs and Couplings

- Hub (Line Terminator) 1/2" – 4"
- Grounding Hub 1/2" – 4"
- Conduit Coupling 1/2" – 6"
- 3 Piece Coupling 1/2" – 4"

**Material:** Type 316  
**Specifications:**  
**Hubs** – NEMA 4X, NSF / ANSI 169  
**Couplings** – cULus 6A, NSF / ANSI 169  
**3 Pc Couplings** – cULus 514B



### Stainless Steel Explosion Proof Fittings

- EYS (Seal-off)
- GUAT & GUAX (Outlet Boxes)
- UNY (Union)
- Size Range: 3/4" – 1"

**Specifications:** UL 1203 Approved / CSA C22.2 No 25 & 30 Approved

Suitable for use in Class I Division 1, Groups A,B,C and D; Class II Division 1 Groups E, F and G; and Class III Hazardous Locations



### Stainless Steel Device Boxes

- Boxes: FD, FS, FDC, FDT, FST, FDX, FSX, FDCC, FSCC Single, FDC Double
- In Use Covers: GFCI Shallow and Deep Single and Double, Rect Shallow and Deep Single
- Weatherproof Covers: Duplex Rect, GFCI, Toggle

**Material:** Type 316  
**Specifications:**  
**Device Boxes** – cULus 514A  
**In-Use Covers** – cULus 514D, NEMA 4X  
**Weatherproof Covers** – cULus 50E, NEMA 3R

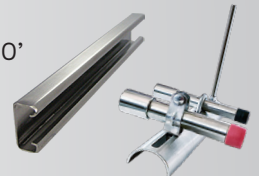


### Strut and Sanitary Strut

- Slotted & Solid Strut 7/8", 1-5/8", 3-1/4"
- Length 10'

BriteRail and FlatRail Sanitary Strut  
 Length: custom lengths available through 10'

**Material:** 304SS & 316SS  
**Specifications:** NSF / ANSI 169



### Fittings and Accessories

Clamps, Brackets, Washers, Nuts, U-Bolts, Locknuts, Cover & Gasket Kits, Straps, Screws, Threaded Rod, Couplings, Conduit Caps, Box Connectors, Bushings, Pulling Elbows, Wedge & Drop-In Anchors, Clamps Backs & Spacers, Compression & Set Screw Connectors, Plugs, Cord Grips, Plugs, Escutcheon Plates, Floor Flanges

