

WHY STAINLESS STEEL?

BROADEST SELECTION - BETTER RESPONSE - BEST PERFORMANCE

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

STAINLESS STEEL IN HARSH ENVIRONMENTS

- **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 and beverage
- Mining
- Pharmaceutical plants
- Power plants
- Pulp and paper
- Wastewater treatment
- Petrochemical
- Architectural and structural design
- Marine and coastal facilities
- Transportation
- Other harsh environments

CALBRITE™ STAINLESS STEEL VS. ALUMINUM?

- Stainless steel conduit and fittings have up to five times the strength of aluminum and will last several times longer
- Stainless steel holds up against the same wash-down procedures and products that all installed stainless steel processing equipment stands up to, whereas aluminum cannot
- Stainless steel provides a safe, durable, lightweight, hygienic environmentally friendly, cost-effective, safe alternative to aluminum

CALBRITE™ STAINLESS STEEL VS. PVC-COATED?

- Stainless steel requires no special installation tools
- Stainless steel is best suited for food, beverage and potable water
- Stainless steel does not require repairs or touch-up due to nicking or scratching of surface
- Stainless steel is 100% recyclable



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" – 2"

Material: Type 304 & 316
Specifications: UL & cUL 6A, UL & cUL 797A
 UL & cUL 1242A, ANSI C80.1,
 ANSI C80.3

STAINLESS STEEL FLEX CONDUIT & FITTINGS



Bare Flex Conduit 1/2" – 2"
 PVC Coated Flex Conduit 1/2" – 2"
 Clear Coated Flex Conduit 1/2" – 2"
 Flex Connector Straights & 90's 1/2" – 2"

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

All Flex Conduit provided in 25' coils

STAINLESS STEEL CONDUIT BODIES



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

Material: Type 316
Specification: UL 514A & cUL 514A

All conduit bodies include cover & gasket set

STAINLESS STEEL HUBS & 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
Specification: UL 6A & cUL 6A, UL 514B & cUL 514B

STAINLESS STEEL EXPLOSION PROOF FITTINGS



EYS (Seal-off)
 GUAT & GUAX (Outlet Boxes)
 UNY (Union)

Specification: UL 1203 Approved /
 CSA C22.2 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

Size Range: 3/4" - 1"

STAINLESS STEEL DEVICE BOXES / IN-USE COVERS



Box Style: FD, FS, & FDC Single, FDC Double,
 FDT & FST Single, FDX & FSX Single,
 FDCC & FSCC Single

Material: Type 316
Specifications: UL & cUL 514A, NEMA 4X

Stainless Steel In-Use weather-proof covers
 Shallow & deep styles available

CHANNEL & STRUT CLAMPS



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

Available in other sizes, styles & gauges
 upon request

Material: Type 304 & 316

Strut Clamps - 1/2" - 4" Type 316

Food Grade Channel & Accessories now available

FITTINGS & ACCESSORIES



Clamps, Brackets, Washers, Nuts, U-Bolts,
 Locknuts, Cover & Gasket Kits, Straps, Screws,
 Threaded & Grounding Rods, Rod Couplings,
 Conduit Caps, Box Connectors, Bushings,
 Pulling Elbows, Wedge & Drop-In Anchors,

Clamp Backs & Spacers, Compression & Set
 Screw Connectors, Plugs, Cord Grips, Plugs,
 Fender Washers, Escutcheon Plates, Floor Flanges

FOR SALES INQUIRIES CALL (800) 536-2248

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