

CALBOND PVC COATED CONDUIT & FITTINGS

Wastewater Treatment Plants



Atkore[™]
Calbond

PVC Coated Conduit and Fittings for Wastewater Treatment Facilities

Critical to Wastewater Treatment Plants

- The corrosive solids and liquids processed in wastewater treatment plants cause damage to pipes, tanks, pumps, and electrical conduit systems after prolonged use.
- Cracks in wastewater treatment tanks, leaks from storage tanks and leaching of contaminants from sludge on in on-site storage areas can lead to corrosion in a WWTP.
- Many waste related treatment tanks and piping systems are coated to protect against corrosive material.
- Wastewater treatment plants making use of PVC coated conduit systems can prevent electrical raceway problems.
- PVC UL6 Listed with both zinc and PVC as primary coatings, providing two layers of corrosion protection.
- UL PVC adhesion performance tested (DYIC E226472), where conduit is sequentially subjected to air oven conditioning exposure test and resistance salt spray (fog) and adhesion test of ANSI/UL6.
- NEMA RN-Compliant with no exceptions.
- **PVC Coated Conduit is proven to provide corrosion protection at a fraction of the cost of stainless steel.**



Why Calbond?

- The broadest product offering for corrosion protected conduit systems.
- PVC Coating is available on galvanized rigid steel and aluminum conduit.
- Specially formulated urethane internal coating provides the longest available product life cycle.
- Shortest lead times, reliable service and competitive prices.
- Custom and unique products.

Trusted Worldwide by the Top Wastewater Treatment Plants

Rigid Conduit

- 12 Trade Sizes From 1/2" - 6"
- Exterior PVC Coating Thickness min. 0.040"
- Interior Urethane Coating Thickness min. 0.002"
- Both Zinc and PVC Coatings are UL Listed as Primary Coatings
- Fully Undisturbed Zinc Coating Under Its PVC Coating
- Fulfills The Requirement Of NEMA RN-1



Elbows, Nipples, Couplings

- 12 Trade sizes from 1/2" - 6"
- Exterior PVC coating thickness min. 0.040"
- Interior urethane coating thickness min. 0.002"
- All diameters and radius available



Conduit Fittings

- 10 Trade sizes from 1/2" - 4"
- Exterior PVC coating thickness min. 0.040" Form 7 & 8 in all config.
- Encapsulated stainless steel screws
- Added protection with urethane interior coating
- Flexible overlapping sleeves ensure a tight seal at every connection
- Conduit Bodies
- Hubs
- Liquidtight Connectors
- Malleable Fittings



Device Boxes and Covers

- 3 Trade sizes from 1/2" - 1"
- FD, FDC, FDCT, FS, FSC, FSCA
- Added protection with urethane interior coating
- Flexible overlapping sleeves



Hazardous Location Fittings

- 10 Trade sizes from 1/2" - 4"
- Exterior PVC coating thickness is a min. 0.040"
- GUAC, GUAT, GUAX, GUAB, GUAL, GUAD
- GUAN, GUAW, EYS, EYD, UNF, UNY
- Added protection with urethane interior coating
- GUA Junction Boxes
- Seal Offs
- Unions



Strut and Strut Accessories

- Strut: Standard, Punched, Slotted, Back to Back & Half Size
- Straps are sized to fit Calbond Conduit
- Clamps, Right Angle, Edge and Parrallel
- U Bolts
- Conduit Hangers





Allied Tube & Conduit ▲ AFC Cable Systems ▲ Heritage Plastics ▲ Unistrut
Unistrut Construction ▲ Cope ▲ US Tray ▲ Calbrite ▲ Calbond ▲ Kaf-Tech
Columbia-MBF ▲ Eastern Wire + Conduit ▲ ACS/Uni-Fab ▲ Cii
Power-Strut ▲ Calconduit ▲ Razor Ribbon ▲ Calpipe Security
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Atkore
6451 Northwind Pkwy
Hobart, IN 46342

TOLL FREE / 800-844-6884
FAX / 219-536-2248

atkore.com/calbond

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