

ETL-Verified PVC Coated Conduit

Frequently Asked Questions

Does the ETL test apply to both galvanized and aluminum?

ETL applies to PVC coated galvanized steel conduit ONLY.

Are the ETL conduit fill requirements the same as for uncoated conduit?

Yes, the standard is GRC.

Does ETL conduit carry a warranty?

Yes, the regular ETL warranty is 2 years but extends to 5 years when installed by a certified installer.

Does all PVC coated conduit come with ETL certification?

Calbond offers a standard PVC coated and an ETL verified conduit that is stocked in CA and IN.

Are the threads hot dipped galvanized?

No, the threads are treated with a cold galvanized compound per UL 6.

Does the zinc coating inside the conduit protect against the flow of ions?

Yes, it slows down the corrosion process.

Does the conduit retain its ability to perform as an equipment grounding conductor after insulation properties are applied to the threads?

PVC coated conduit systems provide a continuity of ground per the NEC.

Does the conduit present a danger to first responders during a fire?

The conduit is made with a low VOC PVC formulation and is self-extinguishing to minimize danger.

Does PVC coated MRC have an interior coating?

PVC coated conduit is coated with 2 mils of urethane paint on the interior.

Should coated condulets be used?

Form 8 NEMA 4X rated conduit bodies are recommended because of the tight seal they provide.

If the coating gets damaged during installation, is repair possible?

Yes, Atkore offers PVC Touchup compound for patching nicks and an aerosol spray for aesthetics.

Is there a good rule of thumb for how much of a "ding" is acceptable to be fixed in the field?

Nicks the size of a quarter or smaller can be patched using PVC Touchup Compound.



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Frequently Asked Questions Continued

If the exterior PVC layer is compromised during installation by a steel wrench, can the conduit be repaired to its original condition?

The recommended tool for tightening is an aluminum pipe wrench that features modified teeth for PVC coated conduit. Atkore offers PVC Touchup compound for patching nicks and an aerosol spray for aesthetics.

Does Atkore have usage data for PVC coated conduit in hydrogen sulfide environments?

Yes, a chemical resistance chart can be found at:

<https://www.calbond.com/technical-documents/pvc-coated-chemical-resistance-chart/>

Should PVC coated Rigid or non-coated Aluminum rigid conduit be used in campus-style distribution for steam tunnels and steam pits?

ETL verified PVC coated steel conduit or Aluminum Rigid Conduit (RAC) can be used in this application.

What fasteners are utilized if installed above grade on walls or ceilings?

PVC coated strut channel and strut straps.

When using aluminum conduit, what are the recommended straps for securing conduit?

Can steel and aluminum be threaded together?

PVC steel or aluminum straps can be used to secure conduit. PVC coated aluminum fittings should be used with PVC coated aluminum conduit.

Does Atkore export to Central America?

Yes.

What Atkore brands carry PVC Coated ETL Rigid Conduit?

Calbond and Allied.

Does Atkore provide a certificate after training?

Yes, a certificate and certification card is provided for certified installers.

Is the certified training program available online?

No, the training is in-person only.

Where are the installer training classes held and how long is the training?

The 2-hour long training class can be conducted at the Atkore facility in Hobart, IN, at a contractor's location, or on a job site. You can register here:

<https://www.calbond.com/installation/calbond-certified-installer-registration-form/>

