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**Attention: Editor**  
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**PRODUCT RELEASE**



## A Customized Corrosion Solution for Pipe End Protection

Pipe ends are sometimes capped to protect against physical damage and intrusion of foreign objects during storage and shipping. Cortec's CorroLogic® CorrPlug® brings pipe caps to the next level by incorporating VpCI® corrosion protection technology directly into the plastic cover.

CorroLogic® CorrPlug® pipe caps are heavy wall black polyethylene pipe caps containing proprietary Vapor phase Corrosion Inhibitors. CorroLogic® CorrPlug® pipe caps protect pipe threads, pipe ends, and other tubular objects from corrosion, mechanical damage, and contamination during transit, handling, and storage. The caps are specially designed for easy installation and removal and offer protection all the way to the last pipe thread. This helps eliminate extra labor on pipe ends that might otherwise need to be cleaned off before being joined together. During humidity testing, pipe threads capped with a CorroLogic® CorrPlug® showed a significant advantage in corrosion protection compared to pipes capped with regular plastic containing no corrosion inhibitors.





CorroLogic® CorrugPlug® pipe caps serve an additional purpose when used in combination with VpCI®-337, VpCI® pouches, or CorroLogic® Tube Strips. These products emit Vapor phase Corrosion Inhibitors that form a protective molecular layer on the internal surfaces of pipe walls. In order to be effective, the Vapor phase

Corrosion Inhibitors must be trapped inside the void. CorroLogic® CorrugPlug® pipe caps offer an easy way to keep the protective vapors from escaping while also protecting pipe ends from corrosion. Pipes that are protected inside and out with VpCI® Technology will be doubly prepared to face humidity swings, condensation, precipitation, and other harsh elements frequently encountered during outdoor shipping and storage.

CorroLogic® CorrugPlug® pipe caps are made to order in most standard NPT pipe sizes ranging from 0.25 to 64 inches (0.6 cm to 1.6 m) in diameter, making them applicable for a broad range of small to large pipes. They protect carbon steel, stainless steel, copper, brass, and aluminum. CorroLogic® CorrugPlug® pipe caps are particularly suited to extensive pipe layup projects or mass shipments of pipes where a large minimum order quantity is required. Please contact Cortec® for details.

To learn more about CorroLogic® CorrugPlug® pipe caps, please visit:

<https://www.cortecvci.com/products/corrologic-corrplugg-powered-by-nano-vpci/>

**CorroLogic® CorrugPlug® powered by Nano VpCI®**

**APPLICATION**  
Install CorroLogic® CorrugPlug® pipe caps onto pipe ends by sliding or "hammering" the appropriate sized CorroLogic® CorrugPlug® into the threads. Standard plastic or metal banding should be used to secure CorrugPlug® to ensure protection.

**METALS PROTECTED**

- Carbon Steel
- Stainless Steel
- Copper
- Brass
- Aluminum

**PRODUCT DESCRIPTION**  
CorroLogic® CorrugPlug® powered by Nano VpCI® is a heavy wall black polyethylene pipe cap containing proprietary Vapor phase Corrosion Inhibitors (VpCI). CorroLogic® CorrugPlug® pipe caps protect pipe threads, pipe ends, and other tubular objects from corrosion, mechanical damage, and contamination during transit, handling, and storage. CorroLogic® CorrugPlug® pipe caps are specially designed for easy installation and removal. They offer protection of the cap to the last pipe thread.

**PACKAGING AND STORAGE**  
CorroLogic® CorrugPlug® pipe caps are available in custom sizes from 0.25 to 64 inches (0.6 cm to 1.6 m) in diameter. Please contact Cortec® Customer Service for additional information on specific sizes and minimum order quantities. CorroLogic® CorrugPlug® powered by Nano VpCI® should be stored indoors at room temperature sealed in original packaging. Shelf life is up to 7 years.

**STANDARD TEST METHODS**

Test	Description	Results
NACE Standard TM593-2008	Vapor Inhibitor Ability Test	Pass
ASTM D 1748	Humidity Testing	> 19 hours

**FEATURES**

- High-moisture corrosion protection
- Available in a variety of sizes to fit any standard pipe diameter
- Tough, durable, and easy to apply

**BENEFITS**

- Protects against corrosion and mechanical damage

**CORTEC**  
CORROSION CONTROL TECHNOLOGIES

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.

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