

Editorial Contact:
Cortec® Advertising Agency:

Shannon Garrow
(651) 429-1100 Ext. 128

sgarrow@cortecvci.com

Company Contact:
Cortec® Corporation:

Cliff Cracauer
(651) 429-1100 Ext. 181

cliff@cortecvci.com

Technical Contact:
Cortec® Corporation:

Eric Uutala
(651) 429-1100 Ext. 189

euutala@cortecvci.com



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PRODUCT RELEASE



New, Revolutionary VCI/VpCI® Vapor Detection Test Kit™, Patent Pending

Cortec® Corporation's VCI/VpCI® Vapor Detection Test Kit™ presents a simple way to provide chemical analysis of the Vapor phase Corrosion Inhibitor (VCI/VpCI®) that you use in reducing the impact of your corrosion-related issues.

Sophisticated corrosion inhibitor test methods, typically designed to reproduce the most extreme conditions in a system, have been employed to test inhibitor capabilities in elaborate laboratory apparatus, yet not many easy to use test methods are offered for testing of corrosion prevention performance.



However, correlation of laboratory and field-testing are now possible from Cortec's Laboratories. The VCI/VpCI® Vapor Detection Test Kit™ is specifically developed for detecting the presence of VCI/VpCI® inhibitors emitted from various corrosion inhibiting products: paper, foam, powders, oil- and water- based rust preventative, water-treatment products, etc.

The kit contains enough strips and solution for 50 testings. It comes with a one liter jar with lid, VCI/VpCI® Test Strips, VCI/VpCI® Test Solution, and a test specimen. To use the kit, place the test specimen in the jar, dip a VCI/VpCI® test strip into the VCI/VpCI® test solution, attach the top of the strip to the inside of the jar lid and immediately screw the lid on tight. Leave the test setup sit until the color changes from blue to pink. Approximate time frames for test completion under room temperature are listed in Table 1. To accelerate the test, setup may be placed in a 40°C oven.

Material	VpCI - Emitter	VpCI - EcoDevice	VpCI - 337	VpCI-Powder, VpCI-609	Oil-based, VpCI-326	VpCI-Water Treatment Products	VpCI - Paper
Time to initial color change	2	1	<10 sec.	2.5	<10 sec.	1	60
Time to complete change	9	5.5	1.5	11	0.5	14	180

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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.

Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122

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