

## PRODUCT BULLETIN

# ONGUARD LITE

The Purafil OnGuard® Lite provides a simple indication of a corrosion problem in your facility. This new monitor uses a silver sensor to identify if the atmosphere is corrosive enough to cause problems with equipment reliability. Silver is the most sensitive metal for corrosion monitoring.

### Applications:

- Server rooms
- Rack rooms
- Control rooms
- Motor control centers

### Benefits:

- Simple pass or fail result
- Corresponds to ISA Standard S71.04-2013
- No maintenance
- RoHS compliant
- No lab testing required

### Features:

- LED corrosion indicator light
- Simple peel and stick installation
- Silver corrosion sensor
- Compact design

### Principle of Operation:

The OnGuard Lite operates by using a silver electrical continuity sensor. The electrical current passed through the silver plate acts as the detector of corrosion. If there is too much corrosive gas in the environment then the LED indicator light will flash red. If the LED light stays green for the entire 6 month life of the OnGuard Lite then the environment is classified as G1, and does not have a corrosive gas contaminate problem.



### Corrosion Alert:

If your OnGuard Lite flashes red, the environment will require further investigation. Once alerted to a corrosion problem, corrective measures can be taken to prevent costly equipment failure. Visit <http://www.purafil.com/lite> for more information.

Use Requirement	Coupon	OnGuard Lite
Laboratory Test Report	✓	
Precise Corrosion Measurement	✓	
Simple Pass/Fail Result		✓
Visible Indicator		✓
No Lab Analysis Required		✓

### ISA STANDARD ANSI / ISA-71.04-2013\*

Severity Level	Copper Corrosion	Silver Corrosion
G1 - Mild	<300 Angstroms / 30 days	<200 Angstroms / 30 days
G2 - Moderate	<1000 Angstroms / 30 days	<1000 Angstroms / 30 days
G3 - Harsh	<2000 Angstroms / 30 days	<2000 Angstroms / 30 days
GX - Severe	>2000 Angstroms / 30 days	>2000 Angstroms / 30 days