

# EchoTherm™ Extreme

High Temperature  
Ultrasonic Couplant

**EchoTherm Extreme** is the only couplant that will not auto-ignite under 1300°F, nor leave a residue. When ultrasonic inspection is performed in a potentially flammable or explosive environment, **EchoTherm Extreme** removes the industrial accident liability, personnel risk and 'startle' factor of unanticipated auto-ignition.



## PRODUCT DESCRIPTION

The ideal couplant for inspection ports:

- No auto-ignition under 1300°F
- No minimum operating temperature
- Minimal residue to interfere with subsequent inspections.

Less smoke than high-temperature couplants containing a plastic polymer.

Does not contain plastic to melt before conducting sound:

- Instant response time
- Increases testing efficiency
- Reduces the time transducers are exposed to high temperatures

## PRODUCT SPECIFICATIONS

### Operating Range:

-40° to 1250°F (-40° to 675°C)

### ■ Auto-ignition Temperature\*: 1300°F (704°C)

\*Test by John A Kennedy & Assoc., ASTM E659-14

### ■ Viscosity: Paste

### ■ Chemistry<sup>1</sup>:

Chlorides: Typically < 1 ppm

Total Halogens: Typically < 5 ppm

Sulfur: Typically < 1 ppm

1. Leachable Halogens: Chlorine by Turbidimetric Analysis MAS-ICP, Rev 15 ICP

### ■ Conforms to ASTM F 519-3

Hydrogen Embrittlement

## PACKAGING

ETM-EX-02:

2 oz. / 59 ml metal tubes

SDS available at [www.echoultrasonics.com](http://www.echoultrasonics.com)



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