

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

- **Chemistry¹**:

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

ECHO
ultrasonics

The
couplant
experts

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