EchoTherm™

High Temperature
Ultrasonic Couplant

EchoTherm is a high temperature thickness gaging and corrosion testing couplant that has an operating range of 200˚ to 1000˚F (93˚ to 538˚C) and an auto-ignition temperature of above 1300˚F (704˚C).

PRODUCT DESCRIPTION

EchoTherm removes the industrial accident liability, personnel risk and "startle factor" of surprise auto-ignition events when performing high temperature thickness gaging or corrosion profiling.

Due to the small mass of EchoTherm used for ultrasonic thickness gaging, the slow rate of thermal decomposition and local ventilation, the vaporized and thermal decomposed products in the smoke are not anticipated to be a health hazard.

EchoTherm does not contain Teflon and is not expected to cause "polymer plume fever."

PRODUCT SPECIFICATIONS

Operating Range:
200˚ to 1000˚F (93˚ to 538˚C)

- **Auto-ignition Temperature*:** 1300˚F (704˚C)

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

- **Flash Point:** 1050˚F (570˚C)
- **Viscosity:** Thick Paste

PACKAGING

ETM-02:
2 fluid oz. / 4 oz. avdp (weight), metal tubes

EchoTherm contains a polymer which melts (and begins to smoke) at 750˚F (400˚C) which extends the operating range, however, it is not necessary to reach this temperature to obtain instant readings. EchoTherm is the most economical ultra-high temperature couplant.

If you are testing below 700˚F, **VersaSonic** is the ideal broad temperature couplant with an operating range of -10˚ to 700˚F.

SDS available at www.echoultrasonics.com

ECHO ultrasonics — The couplant experts

RFS NDT
Russell Fraser Sales Pty Ltd
Unit 7/38 Waratah St
Kirrawee NSW 2232
Ph: (02) 9545 4433
Email: rfs@rfsales.com.au
Web: www.rfsales.com.au
ABN: 79 074 258 549