Liquid Couplants

Probe accessories to facilitate accurate, fast and reliable measurements across all temperatures

ionix
ADVANCED TECHNOLOGIES

DESCRIPTION

Thickness gauging and corrosion mapping is often conducted in-service at temperatures exceeding 250 °C (482 ˚F) where not only can the couplant degrade, evaporate, or vaporize, but also reach the temperature at which autoignition can occur.
Ionix supply a range of couplants from Echo Ultrasonics for temperatures above 150 °C (302 ˚F) which offer high temperature stability, low corrosion characteristics, low toxicity, and smoke, and have clear indication of their auto-ignition temperatures.

BENEFITS

- Gels or pastes with different viscosities for all applications
- Couplants for all measurement applications from -45 to +675 °C (-50 to +1250°F)
- Provide strong signals and fast response measurements across a broad range of temperatures
- Non-toxic with low smoke and no residue options available
- Options which meet ASTM F519 and offer long-term corrosion resistance and inhibition
- Low viscosity options for scanning, by request

APPLICATIONS

- All thickness measurements from -45 to +675 °C (-50 to +1250 °F)
- Scanning applications with low viscosity products

Description	Temperature range	Product Code	Unit
VersaSonic®, High Viscosity. Meets ASTM F519 for corrosion resistance.	-23 to +371 °C (-10 to +700 °F).	VS-04	4 fl. Oz/ 120mL
HiTempco Ultrasonic Couplant. Excellent corrosion inhibition.	-45 to +412 °C (-50 to +775 °F)	HT-04	4 fl. Oz/ 120mL
EchoTherm™ High Temperature Couplant	+93 to +538 °C (+200 to +1000 °F)	ETM-02	4 fl. Oz/ 120mL
EchoTherm Extreme™ High Temperature Couplant. Meets ASTM F519 for corrosion resistance.	-40 to +675 °C (-40 to +1250 °F).	ETM-EX-02	4 fl. Oz/ 120mL

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