

VersaSonic®

Multipurpose High Temperature Ultrasonic Couplant

VersaSonic multipurpose high temperature ultrasonic couplant for flaw inspection and thickness gaging. Plant based, low toxicity, biodegradable couplant in two viscosities with a broad high to low operating range.

PRODUCT DESCRIPTION

Ambient and low temperature coupling where corrosion inhibition is critical.

Instantaneous ultrasonic response (does not contain plastic powders which delay ultrasonic coupling).

Excellent corrosion inhibitor. Provides non-toxic, superior, long-term corrosion inhibition for steel and cast iron and is compatible with other metals and most plastics. VersaSonic may be left in place unless it will interfere with subsequent manufacturing operations such as painting or electroplating.

Low smoke and odor at elevated temperatures. No plastic powder char remaining after inspection.

Low environmental impact. Contains no perfluorocarbons, silicones, peanut or tree nut oils.



PRODUCT SPECIFICATIONS

Operating Range:

-10° to 750°F (-23° to 398°C)

- **Auto-ignition:** ASTM E-659: 788°F (420°C)
- **Viscosity:**
Medium/Standard: 29.25 Pa.s.
High: 80.54 Pa.s.
- **Halogens & Sulfur:** Less than 50 ppm
 $V_1 = 0.15/\mu\text{s}$, $Z = 1.49/\text{cm}^2 - \text{sec} \times 10^5$

PACKAGING	HV	MV
2 oz. (US) / 60ml tubes	x	
4 oz. (US) / 120ml tubes	x	
1 quart (US) / 0.946 liter	x	x
1 gallon (US) / 3.785 liter	x	x
5 gallon (US) / 18.9 liter	x	x

VersaSonic® successfully performs in excess of 750°F (398°C). Typical UT flaw and thickness applications use thin couplant films in an open environment where the small amount of gas formed can dissipate quickly. **However, if fire (auto-ignition) is of concern, VersaSonic® should not be used above 750°F/398°C and instead EchoTherm™ or EchoTherm™ Extreme should be used.** **Safety:** NOT Hazardous by OSHA HazCom 2012 Criteria. **Removal:** Wipe with paper or cloth rag. If complete removal is required, dish detergent and water or a chemical degreaser can be used.

*SDS and typical certifications are available at echoultrasonics.com.

AUTHORISED DISTRIBUTOR



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