

SONO 950 high temperature ultrasonic couplant



Sono 950 maintains acoustic coupling to give ample time for obtaining good thickness readings in thickness gaging.

Temperature Operating Range
Thickness Gaging: 600° to 950°F (315° to 510°C)

Benefits

- Provides an extended open time window for longer inspections
- Medium viscosity paste
- Non-toxic, non-irritating formula provides inspector safety

Safety

- Contains NO perfluorocarbons or fluorinated material, which can cause adverse health effects at high temperatures
- Non-toxic, non-irritating
- Smokes less at elevated temperatures than most high temperature coupling materials
- Provides operator safety and convenience

Removal

- Immediately wipe the couplant off the face of the Transducer with a cloth material that does not present a fire hazard.

Properties

Viscosity¹
Thin Paste.....>3,000,000 cps
(Brookfield LV #5 @ 0.3 rpm)

¹ At ambient temperature

Extreme Temperature Guidelines

- For best results, allow a few seconds of "melt-time" before taking the thickness reading. Signal attenuation may occur if used at lower than recommended temperature.
- Sonotech couplants do not contain perfluorocarbons; thus "polymer fume fever" is not an operator hazard.

Flash Point and Auto Ignition

Sonotech provides the flash point and auto-ignition temperature for each high temperature product.

- The **Flash Point** of a product is the lowest temperature at which vapors arising from the product will ignite momentarily when exposed to a flame.
- **Auto Ignition** is the temperature at which a substance ignites without other sources of energy.

The system for flash point determination for high temperature products (>680°F/360°C) utilizes the Cleveland Open Cup test in which vapors are allowed to escape and therefore results in a higher temperature than a closed cup test.

Auto Ignition temperature.....1040°F (560°C)
Cleveland open cup flash point.....500°F (260°C)

Packaging

2-oz (50 g) tube
4-oz (100 g) tube
quart (liter)
gallon (4-liter)



774 Marine Drive, Bellingham, WA 98225-1530 360-671-9121
sonotech@sonotech-inc.com Order Phone: 800-458-4254

Fax 360-671-9024
Order Fax: 800-730-9024

www.sonotech-inc.com

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