

# SONO 900 high temperature ultrasonic couplant



A thick, gritty, stay in place paste for thickness gaging, Sono 900 provides ultrasonic coupling for thickness gaging between 600°F (315°C) and 900°F (482°C).

## Temperature Operating Range

Thickness Gaging: 600° to 900°F (315° to 482°C)

## Benefits

- Provides high temperature ultrasonic coupling in a high viscosity paste that adheres well to transducers at high temperatures

## Safety

- Non-toxic, non-irritating
- Contains NO perfluorocarbons or fluorinated material, which can cause adverse health effects at high temperatures

## Removal

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

## Properties

### Viscosity<sup>1</sup>

(Paste).....>4,000,000 cps  
(Brookfield LV #5 @ 0.3 rpm)

<sup>1</sup> At ambient temperature

## High Temperature Guidelines

- 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.....990°F (532°C)  
Cleveland Open Cup Flashpoint...460°F (237°C)

## Packaging

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

