

HiTempco™

Extended Temperature Range Ultrasonic Couplant

Introduced in the mid 1970's by Krautkramer Branson and sold by GE Inspection Technologies, **HiTempco** has been the standard of performance in silicone based ultrasonic couplants for decades.

With a broad temperature range of -50° to 775°F (-45° to 412°C), its applications range from high temperature thickness gaging and flaw detection to ambient and low temperature coupling where no corrosion, broad material compatibility, long service life and low toxicity are considerations.

PRODUCT DESCRIPTION

Very high viscosity

Minimal residue

Non-drying

Long-term corrosion inhibition

Non-toxic, non-irritating

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

PACKAGING

2-oz tube

4-oz tube

1-quart

1-gallon



PRODUCT SPECIFICATIONS

Operating Range:

-50° to 775°F (-45° to 412°C)

- **Viscosity:** ≈40,000 cps. Brookfield
- **Flash Point:** Cleveland Open Cup 649°F (343°C)
- **Auto-ignition Temperature:** 820°F (437°C)

Note: In confined spaces and inspection ports the temperature can be approximately 150°F higher than on exposed pipe.

Instantaneous ultrasonic response (does **not** contain plastic powders which delay ultrasonic conduction and result in difficult-to-remove residues). Excellent corrosion inhibitor. Provides non-toxic, long-term corrosion inhibition for steel and cast iron and is compatible with other metals and most plastics. HiTempco may be left in place unless it will interfere with subsequent manufacturing operations such as painting or electroplating.

Removal: Wipe with paper or cloth rag.

SDS available at www.echoultrasonics.com



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