

# SoniX UT™

NDT  
Ultrasonic Couplant

**SoniX UT** provides a strong, lubricous, salt-stable, water-soluble coupling film as a universal ambient temperature NDT ultrasonic couplant.

## PRODUCT DESCRIPTION

Strong ultrasonic coupling film strength. Slow drying for extended inspection time.

Superior transducer lubricant that will extend transducer life in flaw detection applications.

Reduced surface tension; provides fast wetting.

Broad operating temperature range for most flaw detection and thickness gaging applications.

Good ferrous corrosion inhibition. Compatible with most metals, plastics and composites.

Completely salt stable; will not thin with corrosion, marine environment or highway infrastructure subjected to de-icing salts.

Environment and operator friendly.  
No formaldehydes, nitrates or nitrites.

## PACKAGING

1 gallon / 3.8 liter

5 gallon / 19 liter

7 gallon (US) / 26.5 liter pail with lid/pour spout

15 gallon (US) / 56.8 liter drum

55 gallon (US) / 208 liter drum



## PRODUCT SPECIFICATIONS

### Operating Range:

18° to 120°F (-8° to 50°C)

- **Viscosity:** ≈40,000 cps. Brookfield
- **Halogens & Sulfur:** Less than 50 ppm
- **pH:** 8 nominal

**ASTM F519, Conforms:** ASTM F519 describes mechanical test methods and defines acceptance criteria for exposure to chemicals encountered in Service Environments, such as fluids, cleaning treatments or maintenance chemicals including ultrasonic couplants that come in contact with the plated/coated or bare surface of the steel. This test method provides a means by which to detect possible hydrogen embrittlement of steel parts (plated/coated or bare) due to contact with chemicals during manufacturing, overhaul and service life.

SDS and typical metallurgical certifications are available at [www.echoultrasonics.com](http://www.echoultrasonics.com).

**Removal:** Wash with water or wipe with paper or cloth rag. The polymer will form a film if allowed to dry. If complete removal is required, do so before couplant has dried by washing with water or once dried, remove by pressure washing or with a brush and running water.

SDS available at [www.echoultrasonics.com](http://www.echoultrasonics.com)



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