

UltraSoniX™

High Performance Ultrasonic Couplant

UltraSoniX is a high performance ultrasonic couplant for flaw inspection and thickness gaging that is compatible with most materials, has excellent ferrous corrosion inhibition and is formaldehyde and glycol ether free.

PRODUCT DESCRIPTION

High viscosity couplant remains in place on vertical and overhead surfaces.

10° to 220°F (-12° to 104°C) temperature range for most flaw detection and thickness gaging applications.

Better multi-metal corrosion inhibition than most UT couplants. Slow drying for extended inspection time.

Contains no glycerin in accordance with FAA Advisory Circular issued 9/20/2013 AC 25-29 which states: Procedures need to ensure glycerin is not used on aluminum materials, as it may cause corrosion.

Water soluble. Easy to remove. Environment and operator friendly. No formaldehydes, nitrates, nitrites or glycol ethers. Lower residue than most ultrasonic couplants.

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.

Removal: Wipe with a rag or water wash.

SDS available at www.echoultrasonics.com



PRODUCT SPECIFICATIONS

Operating Range:

10° to 220°F (-12° to 104°C)

- **Viscosity:**
Medium/Standard: 60,000 cps (flowable gel)
High: ≈165,000 cps (stiff gel)
- **Halogens & Sulfur:** Less than 50 ppm
- **pH:** 8 nominal at 20°C

PACKAGING	MV	HV
Carton of (12) 4-oz / 118 ml bottles	x	
Carton of (12) 8-oz / 236.6 ml bottles	x	
Carton of (12) 8-oz / 236.6 ml oval bottles	x	
Carton of (12) 12-oz / 340 ml bottles	x	
1 gallon / 3.8 liter cubitainer	x	x
5 gallon / 19 liter cubitainer	x	x
15 gallon / 56.8 liter drum	x	
55 gallon / 208 liter drum	x	x

AUTHORISED DISTRIBUTOR



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