

UltraSonix™

Operating Range: 10° to 220°F / -12° to 104°C

- Medium & high viscosity
- Broad operating range
- Slow drying
- Fast wetting
- Glycerin-free
- No nitrates, nitrites, glycol ethers or formaldehyde
- Water soluble



EchoTrack™

Operating Range: 18° to 180°F / -8° to 82°C

- Medium & high viscosity
- Slow drying
- Fast wetting
- No nitrates, nitrites, glycol ethers or formaldehyde
- Water soluble
- Acrylic polymer, least residue



Sonix™

Operating Range: 18° to 120°F / -8° to 50°C

- Strong coupling film
- Salt stable
- Fast wetting
- No nitrates, nitrites, glycol ethers or formaldehyde
- Glycerin-free
- Water soluble



ECONOgel™

Operating Range: 26° to 120°F / -3.3° to 48°C
ER (Extended Range): 0° to 220°F / -18° to 104°C

- Most economic couplant
- Water soluble
- Fast wetting
- Glycerin-free
- Good ferrous corrosion inhibition
- Completely salt stable



EchoPure™

Operating Range: -60° to 350°F / -51° to 176°C

- Couplant of choice for phased array manual inspections (PAMUT)
- Complies with P91 steel requirement for water-free couplant.
- Ideal for very cold and very warm inspection
- Four viscosities (fluid and gels)
- Very slow drying
- All ingredients approved for incidental food contact
- Contains no water, however it is water-soluble



Glycerin

Operating Range: 65° to 500°F / 18° to 260°C

- Packaged from USP glycerin, 99+%
- Higher acoustic impedance
- Will not harden on equipment
- Pumpable fluid
- Boiling point 555°F, 290°C
- Compatible with plastics

Echo Shear Wave™

Operating Range: 40° to 90°F / 4° to 32°C

- Transmits normal incidence shear wave
- Water soluble
- Easily removed with water wash
- Low toxicity, non-irritating

Echo 8 ZH™

Operating Range:
Short Term: -45° to 750°F / -42° to 400°C
Long Term: -45° to 400°F / -42° to 200°C

- Enhanced acoustic impedance
- Reduces surface roughness acoustic noise
- For flow metering and long term monitoring at elevated temperatures

Echo Z+™

Operating Range: 0° to 200°F (-18° to 93°C)

- Ideal for rough surfaces and concrete
- High acoustic impedance
- Very high viscosity
- Excellent ferrous corrosion inhibition

EchoMix® Powder

Operating Range: 32° to 120°F / 0° to 50°C

- Easily mixed in water
- Good wetting
- Salt resistant
- No formaldehyde
- Compact for shipping & storage



EchoMix® Single

Operating Range: 32° to 120°F / 0° to 50°C

- ONE PART powder
- Easily mixed in water
- Good wetting
- Salt resistant
- No formaldehyde



High Temperature Couplants

VersaSonic®

Operating Range: -10° to 700° F / -23° to 371° C
Auto Ignition: 788° F

- Fast response, no wait time
- No plastic polymers
- Broad operating range
- Low smoke
- No plastic char residue
- Low toxicity
- 3 viscosities: fluid, medium and paste



HiTempco

Operating Range: -50° to 775° F / -45° to 412° C
Auto Ignition: 820° F

- Fast response, no wait time
- No residue or varnish
- Less smoke than VersaSonic
- Excellent corrosion inhibition
- Non-toxic, non-irritating



EchoTherm™

Operating Range: 200° to 1000° F / 93° to 538° C
Auto Ignition: Greater than 1300° F

- Least expensive couplant for use over 700° F and in inspection ports
- Ultra-high temperature
- Contains a plastic polymer which delays response time two seconds
- Leaves plastic residue (char)



EchoTherm Extreme™

Operating Range: -40° to 1250° F / -40° to 675° C
Auto Ignition: Greater than 1300° F

- Ultra-high temperature
- Fast response, no wait time
- No plastic polymer
- No plastic char residue
- Broadest operating range
- Low smoke



Fluid Couplants

Echo 4HT™

Operating Range: -70° to 450° F / -56° to 230° C
Auto Ignition: 628° F

- Pumpable fluid
- Water soluble
- No oil film when in contact with water
- Low toxicity
- Good surface wetting

Echo 8HT™

Operating Range: -50° to 800° F
-45° to 425° C

Auto Ignition: 850° F

- Broad operating range
- Pumpable fluid - Three viscosities
- Excellent lubricant
- Low toxicity
- Non-irritating

SpectrumGlide™

Operating Range:
Thickness Gauging: -50° to 730° F (-45 to 387° C)
Flaw Detection: 0° to 600° F (-17° to 315° C)
Auto Ignition: 752° F

- Medium viscosity pumpable fluid - least run off of all pumpable fluids
- Minimal residue
- Low toxicity
- Non-irritating



ECHO ultrasonics **The couplant experts**

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