

# Forever Wedge Couplants™

Phased Array Wedges  
Angle Beam Wedges  
Delay Lines

## Almost

**Forever Wedge Couplant and Forever Wedge Couplant HT** are high viscosity fluids for phased array and angle beam wedge attachment and for coupling delay lines. They won't dry, run, leach, or dissolve with water or couplants. When applied properly, Forever Wedge Couplant can stay in place until you decide to remove the wedge.\* **Forever Wedge Couplants** are not an adhesive and will not bond to the wedge.

**Forever Wedge Couplants** eliminate the need to replace wedge couplant during inspections and prevents the unintentional change of test parameters due to partial wedge-to-transducer failure.

**Forever Wedge Couplants** eliminate element drop out from failed wedge to transducer coupling.

**Forever Wedge Couplants** often last for the life of the probe or wedge without hardening or evaporating and yet are easily removed.

**Forever Wedge Couplants** are impervious to water, heat, light and are non-toxic.

*Solves your wedge coupling and inspection reproducibility coupling problems.*

\*Before applying, thoroughly clean both the transducer and the wedge, then apply Forever Wedge Couplant to the wedge and transducer before mating the surfaces together to avoid trapping air bubbles.

## PRODUCT DESCRIPTION

- Thermally stable – will not separate with temperature change
- Very high viscosity – stays in place
- Non-drying – lasts for years
- Easily removed – does not harden
- Impervious to water
- Won't dissolve or leach
- Non-toxic

## PRODUCT SPECIFICATIONS

**Operating Range:** -50° to 350°F (-45° to 176°C)  
**HT Range:** 350° to 662°F (176° to 350°C)

- **Auto-ignition Temperature:** 850°F (454°C)
- **HT Auto-ignition Temperature:** 1300°F (708°C)
- **Sound Velocity:** 149m/sec **HT Sound Velocity:** 789 m/sec
- **Viscosity:** 5,000 cST, **HT Viscosity** 4,900 cST
- **PACKAGING:** 2-oz. bottle, **HT Packaging:** 1-oz. bottle



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



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