

# Echo 8 ZH™

Flow Metering and Long Term Monitoring  
Ultrasonic Couplant

**Echo 8 ZH** is intended for ultrasonic coupling where elevated temperature, surface roughness or long coupling time-frames present coupling difficulties. Echo 8 ZH maintains its paste like viscosity throughout its effective operating range for extended time periods.

## PRODUCT DESCRIPTION

Echo 8 ZH's enhanced acoustic impedance reduces surface roughness acoustic noise.

Echo 8 ZH covers a broad range of ultrasonic applications.

Echo 8 ZH applications include flow metering and long term monitoring at elevated temperatures.

Echo 8 ZH resists drying, allowing long term coupling without reapplication and is the best choice for long-term monitoring, such as flow metering.



## PRODUCT SPECIFICATIONS

### Operating Range:

Short term (minutes to 1 hour):  
-45° to 750° F (-42° to 398° C)

Long term monitoring (sensors):  
-45° to 400° F (-42° to 204° C)

- **Auto-ignition Temperature:** 800° F (426° C)
- **Viscosity:** Thick paste; 4,000,000 cps  
Brookfield LV#5, @ 0.3 rpm
- **Halogens:** Less than 100 ppm
- **Sulfur:** Less than 50 ppm
- **Density:** 2.2 gm/cm<sup>3</sup>

## PACKAGING

2 fluid oz. / 59 ml tube

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

**ECHO** ultrasonics  
The couplant experts



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