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**

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<th>Operating Range:</th>
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<td>Short term (minutes to 1 hour):</td>
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<td>-45˚ to 750˚F (-42˚ to 398˚C)</td>
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<td>Long term monitoring (sensors):</td>
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<td>-45˚ to 400˚F (-42˚ to 204˚C)</td>
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- **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/cm³

**PACKAGING**

2 fluid oz. / 59 ml tube

SDS available at www.echoultrasonics.com

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