

## HIGH Z HV ULTRASONIC COUPLANT

### GENERAL DESCRIPTION

High Z HV is a high-acoustic-impedance couplant that optimizes acoustic transmission and reduces surface noise on curved, rough, pitted, or heavily corroded surfaces, including concrete.

### TEMPERATURE OPERATING RANGE

0 to 200 °F (-18 to 93 °C)

### BENEFITS

- Provides the highest acoustic transmission of all Sonotech® couplants,
- Reduces surface noise and improves coupling performance on rough or curved surfaces
- Contains glycerine

### TYPICAL PROPERTIES (at ambient temperature)

Viscosity	~500,000 cps (Brookfield LV #5 @ 1.5 rpm)
Density	1.4 g/cc
Velocity	2.64 mm/μsec
Acoustic Impedance	3.69 MRayls

### SAFETY

Non-flammable and non-irritating. No silicones, surfactants or petroleum distillates. No heavy metals incorporated into formula.

### REMOVAL

Water-soluble; remove with water.

### CORROSION INHIBITION

High Z HV contains a corrosion inhibitor for ferrous metals with a relative effectiveness rating of 70. Ferrous Corrosion Characteristics Chart available at [www.magnaflux.com](http://www.magnaflux.com).

### PACKAGING

4 fl oz / 118 mL Tube