

HIGH Z Ultrasonic Couplant

GENERAL DESCRIPTION

High Z 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
- Available in a high or low viscosity formula

TYPICAL PROPERTIES (at ambient temperature)

Viscosity*	High Z LV: ~ 40,000 cP High Z HV: ~ 500,000 cP
Density	1.4 g/cc
Velocity	2.64 mm/μsec
Acoustic Impedance	3.69 MRayls

* Viscosity measurement: Brookfield LV #5 at 1.5 rpm

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 contains a corrosion inhibitor for ferrous metals with a relative effectiveness rating of 70 on a scale of 100. Ferrous Corrosion Characteristics Chart available at www.magnaflux.com.

PACKAGING

High Z LV

4 fl oz / 118 mL tube 58-T04

High Z HV

4 fl oz / 118 mL tube 59-T04