Echo Z+™

High Acoustic-Impedance
Ultrasonic Couplant

Echo Z+ is a high acoustic-impedance ultrasonic couplant. It increases acoustic impedance and decreases surface noise, making it ideal for very rough, pitted, corroded surfaces or tight-curved test objects, and concrete.

PRODUCT DESCRIPTION

- High acoustic impedance
- Decreases surface noise
- Three viscosities
- Strong corrosion inhibition
- Ideal for rough surfaces and concrete

PACKAGING

Fluid viscosity:
4-fluid oz. / 118 ml bottle

Medium viscosity:
4-fluid oz. / 118 ml metal tube

High viscosity:
4-fluid oz. / 118 ml metal tube

Removal: Water-soluble. Wipe with wet or dry cloth or water wash.

SDS available at www.echoultrasonics.com

PRODUCT SPECIFICATIONS

Operating Range:
0˚ to 200˚F (-18˚ to 93˚C)

Viscosity:
Fluid viscosity (flowable liquid - 2,500 cps)
Brookfield LV # 2 @ 6 rpm, at 20°C
Medium viscosity (paste - 175,000 cps)
Brookfield LV # 5 @ 1.5 rpm, at 20°C
High viscosity (thick paste - 700,000 cps)
Brookfield LV # 5 @ 0.6 rpm, at 20°C

Density: 1.4 g/cc

Velocity: 2.6 mm/µsec

Acoustic Impedance: 3.7 MRayls

Chemical Profile: Contains no VOCs, naptha, oil, hydrocarbons, silicones, petroleum distillates, dyes or fragrance.

Corrosion Characteristics: Contains a short term ferrous corrosion inhibitor. Echo Z+ contains glycerin and is intended to be removed from non-ferrous metal parts after inspection. Corrosion testing advised for aluminum-magnesium aircraft parts.

ECHO ultrasonics The couplant experts

RFS NDT Russell Fraser Sales Pty Ltd
Unit 7/38 Waratah St Kirrawee NSW 2232
Ph: (02) 9545 4433
Email: rfs@rfsales.com.au
Web: www.rfsales.com.au
ABN: 79 074 258 549