

ECONOgel ER™

NDT
Ultrasonic Couplant

ECONOgel ER (Extended Range) is the most economical water soluble NDT ultrasonic couplant with a low freezing point, slow evaporation rate and high operating range. Compatible with most metals, plastics and composites, with good ferrous corrosion inhibition.

PRODUCT DESCRIPTION

Reduced surface tension provides fast wetting.

ECONOgel ER is glycerin and silicone free.

Good ferrous corrosion inhibition and is compatible with most metals, plastics and composites.

Completely salt stable. Will not thin with corrosion salts, marine environments or high-way infrastructure subjected to de-icing salts.

Environmental and operator friendly. No formaldehydes, nitrates or nitrites.



PRODUCT SPECIFICATIONS

Operating Range:
0° to 220° F (-18° to 104° C)

- **Viscosity:** Medium
- **Halogens & Sulfur:** Less than 50 ppm
- ASTM D808-11, ASTM D129-13, ASTM D512-12
- **Acoustic properties:**
VL = 1.55 mm / μ sec
Z = 1.60 mRayls

PACKAGING

7 gallon (US) / 26.5 liter pail with lid/pour spout
55 gallon (US) 208 liter drum

REMOVAL: Wash with water or wipe with paper or cloth rag before couplant dries. If couplant has dried, pressure wash or use brush and running water.

SDS available at www.echoultrasonics.com

ECHO ultrasonics
The couplant experts

B BERG ENGINEERING & SALES CO., INC.
Your Complete Source for NDT Testing Equipment Since 1969!

3893 Industrial Avenue • Rolling Meadows, IL • 60008
phone: (847) 577-3980 • fax: (847) 577-0474
www.bergeng.com • info@bergeng.com