

UT-30 ultrasonic couplant

ENVIRONMENTALLY BENIGN

UT-30 is an economical, environmentally benign couplant for flaw detection and thickness gaging.

Temperature Operating Range:

32° to 125°F (0° to 52°C)

Benefits

- Environmentally benign formula
- Economical

Safety

- Non-flammable, Non-irritating, orally nontoxic
- Contains NO heavy metals, harsh surfactants, glycol ethers, nitrites, silicones, dyes or fragrances.

Removal

- Water soluble; easily removed with water rinse

Chemical Analysis and Certification

Independent laboratory analysis of Chlorine, Fluorine and Sulfur referencing ASTM procedures is provided at no additional charge.

Chemistry

Total Halogens..... <50 ppm
Sulfur..... <50 ppm
Contains Glycerine

Properties¹

Viscosity~105,000 cps
(Brookfield Helipath Spindle E @ 1.5 rpm)
pH..... 7.8±.5

¹At ambient temperature.

Acoustic Transmission

Optimal transmission requires that an ultrasonic couplant have no air bubbles that can reflect, scatter, and attenuate sound waves. Sonotech's unique processing eliminates couplant air bubbles.

Corrosion Inhibition*

UT-30 contains a corrosion inhibitor for steel with a relative effectiveness rating of 35 (refer to Sonotech's Couplant Ferrous Corrosion Characteristics Chart).

*If corrosion inhibition is a primary concern consider using Sonotrace or Echogel.

Environmental Awareness

Sonotech developed environmentally benign couplants to minimize impact on the environment. UT-30 contains biodegradable materials, safe for disposal. The likelihood of skin irritation has been reduced through the use of cosmetic grade ingredients.

Environmentally benign couplants are designed specifically for applications where couplant may not be removed by the inspector, may later be removed by weather, or could come into contact with animals, humans, and waterways.

Packaging

1-gallon (4 liter) container
5-gallon (18.9 liter) container
55-gallon (208.2 liter) drum

