

SONOGLIDE[®] UP

ULTRASONIC COUPLANT

GENERAL DESCRIPTION

Sonoglide UP is an ultra-pure, environmentally benign, silicone-free couplant that is compatible with titanium, aluminum, copper, stainless steel, plastics, many magnesium alloys, and many composites.

TEMPERATURE OPERATING RANGE

-60 to 250°F (-51 to 121°C)

BENEFITS

- Extended drying time and broad temperature operating range
- Water-soluble couplant that provides excellent acoustic properties and transducer lubrication
- Self-leveling; provides fast, easy spreading over large areas
- Compatible with plastics; will not harden on transducers or instruments
- Low potential for skin irritation; will not dye clothing

TYPICAL PROPERTIES (at ambient temperature)

Viscosity	
Sonoglide UP 7	~1,000 cps (Brookfield LV #4 @ 60 rpm)
Sonoglide UP 40	~80,000 cps (Brookfield LV #4 @ 1.5 rpm)
pH	6.6
Total Halogens	<25 ppm
Sulfur	<25 ppm

SAFETY

Non-flammable, non-irritating and orally nontoxic. The most environmentally benign of extended range couplants. Contains no heavy metals, surfactants, glycol ethers, nitrates, silicones, dyes or fragrances. Sonoglide UP is manufactured with FDA listed ingredients (21CFR Part 172).

REMOVAL

Can be completely removed with water. Has very slow drying properties and will not solidify on transducer parts or instruments.

SPECIFICATION COMPLIANCE

PWA 36700/36604 Hot corrosion testing on High Temperature Alloys AMS 5544 (Waspalloy), 5536 (Hastelloy X), 6359 (Ferrous based alloys), 4037 (Aluminum), 5608 (Haynes 188), 5508 (Greek Ascoloy) and 4375 (Magnesium) and on gas turbine blade coatings PWA 286 and 275, Pratt and Whitney PWA 36604, MCL E-205 Type II or ASTM F945, Stress Corrosion Cracking testing on Titanium Alloys.

PACKAGING**Sonoglide UP 7**

1 gallon / 3.78 liter Cubitainer

5 gallon / 18.9 liter Cubitainer

55 gallon / 208 liter Drum

Sonoglide UP 40

1 gallon / 3.78 liter Cubitainer