

SHEAR GEL[®] SHEAR WAVE COUPLANT

GENERAL DESCRIPTION

Shear Gel[®] is specially formulated to provide coupling for shear wave generated by normal incidence (zero degrees) shear wave transducers.

TEMPERATURE OPERATING RANGE

40° to 90°F (4° to 32°C)

BENEFITS

- Extremely high viscosity to couple normal incidence shear waves
- Environmentally benign formula

TYPICAL PROPERTIES (at ambient temperature)

Typical Properties	Shear Gel [®]
Viscosity	~4,000,000 cps (Brookfield LV #5 @ 1.5 rpm)
Density	1.4 to 1.6 g/cc

SAFETY

Non-flammable, non-irritating and orally nontoxic. Contains no naphtha, oil, glycerine, hydrocarbons, heavy metals, harsh surfactants, glycol ethers, nitrites, silicones, petroleum distillates, dyes or fragrances.

REMOVAL

Water-soluble; remove with warm water.

CORROSION INHIBITION

Shear Gel[®] contains a corrosion inhibitor for ferrous metals with a relative effectiveness rating of 85. Ferrous Corrosion Characteristics Chart available at: <http://www.magnaflux.com>.

ENVIRONMENTAL AWARENESS

Sonotech® developed environmentally benign couplants to minimize impact on the environment. Shear Gel® 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

4 oz. (100 g) Tube