

Manufacturer : NDT-Europa (NL)

Description / Application :

Thick transparent acoustic liquid with a synthetic base, washable with water.

It has been specially developed to facilitate ultrasonic testing of parts requiring a good control accuracy, especially in thickness measurement.

The specific thickening of the **SGO** ensures a good resistance on the surfaces to be tested and a thin and constant film under the sensor regardless of the position.

The excellent wetting power of **SGO** provides excellent acoustic transmission even on greasy and not perfectly degreased parts.

SGO has no corrosion effect on all metals, according to standard corrosion tests.

The safety of **SGO** is almost total on paints, plastics and rubbers.

However, it should not be used on composites before repair.

The normal operating temperature range is from 0°C to 50°C; beyond this range, the viscosity of the liquid may vary.

Related product(s): /

DIRECTIONS FOR USE

Precision ultrasonic coupling for industry.

- Apply on the part to be tested and then move US probe.
- The product must be removed/cleaned from the surface of the parts after testing.
- For a thorough cleaning, the residual presence of gel with pink fluorescent tracer incorporated can be controlled under UV-A.
- Do not use the product on unpainted composites structures or damaged composites structures before repair.

TECHNICAL CHARACTERISTICS

Compatible with all metals and certain plastics.

Appearance translucent straw-yellow gel

Fluorescence weak, azure

PRECAUTIONS FOR USE AND STORAGE

Transport / Handling: see Material Safety Data Sheet (MSDS).

Storage: Temperature limit: 5°C to 40°C.

Keep the packages closed between each sample.

This technical data sheet replaces and cancels the previous one.

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