

Approvals and conformities

ASME
RCC-M

Manufacturer : NDT-Europa (NL)

Description / Application :

Translucent semi water-based turquoise gel.

It was specially developed in order to make ultrasonic testing on yards and wide surfaces easier.

US1 gel characteristic ensures a good adhesion on pieces to be tested, whatever their position.

US1 excellent wetting enables a very good acoustic transmission even on parts fat and not perfectly degreased. **US1** couplant has no corrosive effect on all metals.

US1 has no effect too on paints, plastic and rubber.

However it should not be used on the area of a composite part to be repaired.

The normal temperature range is 0°C to 50°C, the use is possible at higher temperature but the gel liquefies gradually.

The viscosity increases with evaporation of water.

Companion products: /

Compatible with all metals, ceramics, and certain synthetic substances.

DIRECTIONS FOR USE

Apply on the part to be tested and then move US probe.

After testing, cleaning can be carried out with water or solvents. It is easy to wipe with cloth.

For a thorough cleaning, the residual presence of gel with blue fluorescent tracer incorporated can be controlled under UV-A.

The gel can be diluted with water if necessary, reducing corrosion properties accordingly.

TECHNICAL CHARACTERISTICS

Appearance translucent turquoise gel

PRECAUTIONS FOR USE AND STORAGE

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

Storage : Temperature range: 5°C à 40°C

Keep packaging closed after taking out some of the product.

This technical data sheet replaces and cancels the previous one.