

Approvals and conformities

ASME
RCC-M

MANUFACTURER: NDT-Italiana (I)

DESCRIPTION / APPLICATION(S):

Coupling gel for Ultrasonic Testing, non-drying, wide temperature range of use. **MATRIX** thixotropic characteristics ensure a good adhesion on pieces to test, whatever their position. **MATRIX** excellent wetting capacity and thixotropy enable a very good acoustic transmission. It was specially developed in order to make ultrasonic testing on yards and wide surfaces easier.

MATRIX couplant has no corrosive effect on all metals (neutral pH 8.5 to 9.5 – corrosion inhibitor).

MATRIX has also no effect on paints, plastic and rubber. Couplant **MATRIX** can be used between -10°C and 120°C.

Companion products: /

DIRECTIONS FOR USE

Apply on the piece to test and then use US probe.

MATRIX ensures excellent coupling.

After testing, cleaning can be carried out with water or solvents.

TECHNICAL CHARACTERISTICS

Very low halogen and sulfur content.

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

Appearance turquoise blue translucent gel

PRECAUTIONS FOR USE AND STORAGE

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

Storage : Keep away from moisture

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.

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1 Date : 06-07-2017 Written and checked by : F. Héron