

## RED-MARK R-1S(NT)Special Solvent based developer

R-1S(NT)Special is a solvent-based fast-drying developer. It creates a highly concealing white coating that draws out penetrant liquid from defects through capillary action, forming enhanced defect indications with the contrast between the red penetrant liquid and the white developer.

It is used for quality verification of welds, maintenance and quality inspections, periodic inspections, and on austenitic stainless steel. It corresponds to JIS Z 2343 Type II (Dye Penetrant), Form e (Organic Solvent-Based for Type II).

### ■ FEATURES

- Moderate drying.
- Forms a white coating with high absorption power for penetrant liquid.
- Low halogen and low sulfur type.
- Excellent water washability, allowing post-treatment with water cleaning.
- Available in an easy-to-carry aerosol type.

### ■ PROPERTIES

Color	White suspension
Odor	Alcohol Odor
Flash Point	14°F/-10°C
Fire Service Act	Class 4 and Class 1 Petroleum (Non-water-soluble)

### ■ SPECIFICATION CONFORMANCE

- EN-ISO 3452-2
- JIS Z 2343-2
- ASME B&PV Code, Sec.V

\* Please contact us regarding compliance to the latest standards and standards not listed in this TDS.

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## APPLICATIONS

- Welds
- Castings
- Forgings
- Pressure vessels
- General metals
- Austenitic stainless steel

## SPECIFICATION

How to Use →



NDT Method	Penetrant testing (PT) / Solvent based developer
Type	Type II (Dye)
Method	Form e (Organic Solvent-Based for Type II)
Storage Temperature	Can : 32°F~104°F(0°C~40°C) / Aerosol : less than 104°F(40°C)
Usage Temperature	14°F~212°F/ -10°C ~ +100°C
Usage cover	Aerosol: about 4.2 m <sup>2</sup>
Quality assurance period	3 years from the manufacturing date for both cans and aerosols
Disposal	Aerosol: After using up the contents, press the button outside in a fire-free area until the spray sound disappears, vent the gas completely. Can: Dispose empty can in a safe manner in accordance with local/national regulations.

## CONTAINER

Can Type: 3.8L and 18L Can

Aerosol Type: 450 Aerosol

## SERVICE/CONTACT

Please be sure to read the SDS (Safety Data Sheet) before use.

Please download the SDS from our website or contact our nearest sales office or distributor.

For other inquiries about our products, please contact our nearest sales office.

Contact us →

