



RED-MARK RF-1M Cleaner/Remover

RF-1M is a non-hazardous cleaning/removal material. It is used as a pre-treatment agent for non-destructive testing and as a removal liquid for excess penetrant.

By using fluorine-based solvents, RF-1M is classified as a non-hazardous cleaning/removal liquid that does not fall under the Fire Service Act. It features moderate drying properties and excellent removal of various oils and greases. It is used for weld quality inspections, maintenance and quality checks, and periodic inspections. It corresponds to JIS Z 2343 Type II (Dye), Method C (Solvent Removal) - Class 1 (Halogenated Organic Solvents).

■ FEATURES

- Available in an easy-to-use and portable aerosol type.
- Classified as a non-hazardous substance under the Fire Service Act.
- Environmentally friendly fluorine-based solvent (HFO, hydro-fluoro-olefin) with zero-ozone depletion potential.
- Moderately fast drying.
- High cleaning power capable of removing various oils and greases.

■ PROPERTIES

Color	Colorless and Transparent
Odor	Mild Solvent Odor
Flash Point	—
Fire Service Act	Non-Hazardous

■ SPECIFICATION CONFORMANCE

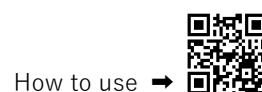
- EN-ISO 3452-2
- JIS Z 2343-2
- Please contact us regarding compliance to the latest standards and standards not listed in this TDS.

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APPLICATIONS

- Welds
- Castings
- Forgings
- Pressure vessels
- General metals

SPECIFICATION



How to use →

NDT Method	Penetrant Testing (PT) / Cleaner/Remover
Type	Type II (Dye)
Method	C (Solvent Removal) / Class 1 (Halogenated Organic Solvents)
Storage Temperature	Can : 32°F~104°F(0°C~40°C) / Aerosol : less than 104°F(40°C)
Usage Temperature	14°F~122°F/ -10°C ~ +50°C
Ozone Depletion Potential	Solvent : ≒0
Quality assurance period	3 years from the manufacturing date
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 : 3.8 L and 18 L Can, 200 L drum

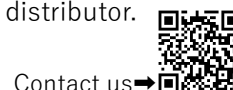
Aerosol Type : 450 type Aerosol

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 →