

MAGNATRON MA-100 Non-Fluorescent Magnetic Particle (Dry Method, Red)

MA-100 is a high-sensitivity red magnetic particle that is non-fluorescent. In dry method non-fluorescent magnetic particle testing, the magnetic particle is uniformly applied to a magnetized test specimen, allowing for easy detection of surface-breaking defects. Among non-fluorescent magnetic particles, the MA-100 has a relatively large particle size, making it well-suited for material inspections and enabling clear detection of defect indication patterns.

It is particularly suitable for use when achieving contrast with black or white magnetic particle is difficult, such as on gray backgrounds. When using the MA-100, a magnetic particle applicator should be used to evenly and appropriately disperse the particle onto the test specimen. Additionally, ensure that the inspection surface is completely dry before application.

The MA-100 is commonly used for inspections of large steel castings, welds, rolled products, forgings, and material testing.

■ FEATURES

- Clear defect indications appear with a simple application of the magnetic particle.

■ PROPERTIES

Color	Reddish brown
Particle Size	5~50 μ m

■ SPECIFICATION CONFORMANCE

- JIS Z 2320-2
- ASME B&PV Code, Sec.V
- ASTM E3024
- AMS3040

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

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■ APPLICATIONS

- Welded parts
- Rolled materials
- Castings and forgings
- Material inspection

■ SPECIFICATION

NDT Method	Magnetic Particle Testing (MT) / Non-Fluorescent Magnetic Particle
Storage Temperature	32°F~104°F/0°C~40°C
Usage Temperature	40°F~572°F/5°C~300°C
Quality assurance period	3 years from the manufacturing date
Disposal	Dispose empty can in a safe manner in accordance with local/national regulations.

■ CONTAINER

Can Type: 1 kg and 5 kg can

■ 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 →

