



MAGNATRON MS-300M Non-Fluorescent Magnetic Particle (Dry Method, White)

MS-300M is a non-fluorescent, highly sensitive white magnetic particle. In dry method non-fluorescent magnetic particle testing, the target magnetic particles are uniformly dispersed over a magnetized test specimen, enabling easy detection of surface-breaking defects. MS-300M has a larger particle size, making it suitable for material inspections where clear flaw indications are required.

This product is ideal for use on dark-colored backgrounds. It is a widely used magnetic particle, and for proper application, it should be evenly and appropriately dispersed onto the test specimen using a magnetic particle applicator or similar equipment. Ensure that the inspection surface is completely dry before applying the particles.

MS-300M is used for inspecting large cast steel components, as well as welds, rolled materials, forged products, and raw materials.

■ FEATURES

- Produces clear flaw indications with a simple application of magnetic particles.
- Designed for material inspections, particularly for detecting larger defects.

■ PROPERTIES

Color	Gray
Particle Size	40~100 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 →

