

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

MS-300 is a high-sensitivity white 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 powders, the MS-300 has a relatively large particle size, making it well-suited for material inspections and enabling clear detection of defect indication patterns.

A lineup of white magnetic particle with different particle sizes is available, allowing for inspections tailored to defect sizes according to specific requirements. It is particularly suitable for use on dark-colored backgrounds and is widely used for general applications. When using the MS-300, a magnetic powder applicator should be used to evenly and appropriately disperse the powder onto the test specimen. Additionally, ensure that the inspection surface is completely dry before application.

The MS-300 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	Gray
Particle Size	5~40 μ m

■ SPECIFICATION CONFORMANCE

- JIS Z 2320-2
- ASME B&PV Code, Sec.V
- ASTM E 3024
- 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 →

