

MAGNATRON MS-400 Non-Fluorescent Magnetic Particle (Dry Method, White)

MS-400 is a high-sensitivity white magnetic particle that is non-fluorescent. Dry non-fluorescent magnetic particle inspection is a method in which the target magnetic particle is uniformly spread on a magnetized test piece to easily detect surface opening defects. MS-400 has a relatively small particle size among non-fluorescent magnetic particle and can be applied to material inspection and ferromagnetic steel materials including rolled materials, cast and forged products, machined products, and welded parts.

Suitable for use when the background is dark in color. This is a commonly used magnetic particle and when using it, the magnetic particle should be appropriately and uniformly spread on the test piece using a magnetic particle spreader. Also, be sure to apply it when the inspection surface is dry.

It is widely used for large cast steel products, welded parts, rolled products, forged products, and material inspection.

■ FEATURES

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

■ PROPERTIES

Color	Gray
Particle Size	5~30 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

- Rolled materials
- Welded parts
- 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 →

