

MAGNAVIS®

Dry Magnetic Particles

MAGNAVIS® 8A Red

General Description

Magnavis # 8A Red is ready to use, free flowing for general purpose, dry method, color contrast magnetic powders. These powders are used to locate surface and slightly subsurface discontinuities in ferrous structures.

8A Red is a red colored powder, which produces sharp color contrast indications on most surfaces and colored backgrounds.

Applications

Typical applications include welds, large forgings and castings, and where rough surfaces are encountered

Method of use

Our dry method, non-fluorescent magnetic particles may be dispensed by the Powder Spray Bulb, a plastic squeeze bottle, or a powder blower.

The powders must be applied while the magnetizing current is on. If there is considerable background build-up, the excess material can be gently blown off while the current is flowing. Should the material being tested have a high retentivity, surface discontinuities can be detected after the current shot.

Benefits

- Ready to use
- Colored powder to suit contrast on most surfaces and colored backgrounds

Like all Magnaflux materials Magnavis #8A Red dry magnetic powders are closely controlled to provide unique batch to batch consistency and uniformity to assure optimum process control and inspection reliability.

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Typical Properties (Not a Specification)

Property	# 8A Red
Form	Free flowing powder
Colour	Dark Red
Mean Particle size	80 microns
SAE sensitivity	7
Upper temperature limit*	315 °C

*Temperature limits are not intended to imply that the material will not form magnetic particle indications above the specified temperatures. However, particles at elevated temperatures for a period may be altered in color, sintered together or emitted smoke. Particles heated to 480°C or passed through a flame will smolder or spark.



Specification Compliance

Specification	# 8A Red
AMS 3040	✓
ASME B & PV Code, Sec V	✓
ASTM E-709	✓
ASTM E-1444	✓
BS EN ISO 9934-2	✓

Availability

1 Kg containers,

F03002

Health and Safety

- Safety Data Sheets for this product are available on request from your Magnaflux distributor or via the Magnaflux website (www.magnaflux.in).
- Read the relevant Safety Data Sheets before use.

MAGNAFLUX,
DIVISION OF ITW INDIA PRIVATE LIMITED,
Plot No: 51,52, 207 & 208, Phase – 2,
IDA, TGIC, Pashamlaram, Medak Dist.-502307,
Telangana State, India
Tel: +91 8455 224710
Email: magnafluxinfo@magnafluxindia.com
www.magnaflux.in

