

Designation: Magnetic Flux Indicators  
 Model: Matcon magnetic Flux Indicators  
 Part Number: MT\_MA\_NL\_FLUXIND

## DESCRIPTION

Matcon Magnetic Flux\* Strips are a simple-to-use, inexpensive and effective tool, that provides you with assurance that you are performing an effective magnetic particle test.

Their proper use proves that you have:

- Adequate field strength and direction
- Proper illumination
- Appropriate magnetic particle properties

Magnetic Flux strips should be used to confirm that all required testing parameters including, lighting, field strength and direction, magnetic particle properties and coverage are sufficient to find surface cracks equal or greater in size than those built into the strip. Each indicator contains three milled slots with widths of .0075", .009" and .010" that share a common depth.

The indicators are manufactured from permeable magnetic steel sandwiched between two brass plates and designed for repeated use in setting and monitoring magnetic field strength in wet and dry MPI applications.

Magnetic Flux Strips can be used with: Fluorescent, Wet Visible (Black & White) as well as Dry Particles (with or without contrast). They can be used with AC, FWDC and HWDC magnetization, with either longitudinal or circular fields.

They can also be used to demonstrate the sensitivity differences between these methods and to develop magnetizing techniques that assure complete coverage.

## SPECIFICATIONS

- 5 indicators per package.
- Meets ASTM E 1444-11, Annex A3 specifications.

