

# Flaw Guide NDT Products

(Manufactured By Pradeep Group of Industries)

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## Product Info Sheet

### Flaw Guide

## Aerosol Spray Cans For Wet MPI

**Magna Ink BK : Black Ink for Wet MPI**

**Maga Ink GYK : Fluorescent Ink for Wet MPI**

**White Contrast WC-23 : White Contrast Coat for MPI**

Extremely fine surface and sub surface defects in ferro magnetic components and Pipe line testing are best found by using wet magnetic Particle Testing . Magnetic Particles in suitable carrier liquid are supplied in

aerosol containers in ready to use form which does not need any preparation. The concentration of particles are pre adjusted as per the requirements of International specifications and the other parameters with reference to sensitivity etc. and are assured through Laboratory testing. The Magnetic Particles packed in aerosol cans consists of carefully controlled mixture of extremely fine & high permeability ferro magnetic particles in order to obtain highest sensitivity. These products are available in two types namely Black (Visible) for use under day light and Yellow Green Fluorescent for use under Black (UV) Light. White contrast WC-23 is a contrast coat which has coating thickness less than 10

microns on single application and is quite suitable to get extremely nice contrast, particularly with black particles. Use of White contrast help to enhance the sensitivity of the test by making the defects seen clearly due to better contrast. The film thickness provided to white contrast does not interfere or affect the magnetic field on the job under test.



### Main Features

- Extremely fine magnetic particles of very high magnetic permeability for high Sensitivity.
- Supplied in Aerosol packings : 550 ml Capacity Net Can with Net Content 425 ml..
- Particle Concentration : Meeting requirements of all the international specification s
- Avg. Particle Size : 4- 6 microns
- Performance Test : Satisfactory on Ketoes Ring,MTU Block, Pie Guage, ASME Shims etc.
- Carrier Liquid : High flash (95 Deg.C) Petroleum Oil
- Suitable for all types of magnetisation methods
  - Meet requirements of IS-6410, AMS 3043, ASME BPVC, ASTM E1444, ASTM E709, ISO 9934, NAVSEA 250-1500-1, BS-4069/6072, RDSO specifications for Magnetic Particle Testing.