

▶ Visible Light Magnetic Particles

▶ **Circle Systems is proud to announce the expansion of our magnetic particle inspection line to include two new products!**

Circle Systems has introduced **Mi-Glow® WCP**, a specially formulated white contrast paint, packaged in 16-ounce aerosol cans; and, **CircleSafe® 820AX**, a pre-proportioned combination of black non-fluorescent particles and an odorless inspection oil vehicle, packaged in carbon dioxide charged 16-ounce aerosol cans.

Circle Systems also offers several other environmentally friendly, visible light magnetic particle materials. The Mi-Glow® 106, Mi-Glow® 820, CircleSafe® 820A, Mi-Glow® 820LS RTU and Mi-Glow® 820S RTU consist of black non-fluorescent particles. All of these materials, when used in conjunction with Circle's new Mi-Glow® WCP, provide a contrast between black magnetic particles and the underlying component.

All Circle Systems materials are designed to perform reliably while also giving close consideration to ease of use, safety to inspectors and environment, transportability and cost effectiveness.

▶ BENEFITS

For use when fluorescent magnetic particle testing is not practical

Provides high sensitivity in critical applications

▶ FEATURES

Environmentally Friendly

Cost Effective

Reliable



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▶ Visible Light Magnetic Particles

NEW PRODUCTS



COMPLEMENTING PRODUCTS



New Products

PRODUCT NAME	PRODUCT DESCRIPTION
CircleSafe® #820AX	A pre-proportioned combination of non-fluorescent black particles and an odorless inspection oil vehicle, packaged in carbon dioxide charged 16-ounce aerosol cans. Designed to be used in white light inspection for detecting very fine defects found in finished products and structural fabrications.
Mi-Glow® WCP	A specially formulated white contrast paint, packaged in a 16-ounce aerosol can, used to create a consistent background on the component surface in a visible magnetic particle inspection scenario. When dry, the white contrast paint is resistant to the wet method baths used for inspection, but is easily removed from the demagnetized component surface with acetone. Mi-Glow® WCP is a perfect compliment to all of Circle Systems' visible light magnetic particles.

Complimenting Products

PRODUCT NAME	PRODUCT DESCRIPTION
Mi-Glow® 106	Non-fluorescent black particles designed for use in an oil media system with white light.
Mi-Glow® 820	A liquid concentrate with non-fluorescent black Mi-Glow® 106 particles and liquid wetting agent, designed for water system use. Contains special corrosion inhibitors, anti-foaming agents, wetting agents and pH buffering agents.
CircleSafe® 820A	A pre-proportioned combination of non-fluorescent black particles and a specifically formulated wetting agent in water, packaged in carbon dioxide charged 12-ounce aerosol cans. Designed to be used in white light inspection for detecting very fine defects found in finished products and structural fabrications. Environmentally safe, non-flammable and user friendly.
CircleSafe® 820S RTU	A Ready-to-Use water bath used for magnetic particle inspection, packaged in a hand-held spray bottle. The water bath contains non-fluorescent particles and special water chemistry, which consists of corrosion inhibitors, anti-foaming agents, wetting agents, and pH buffering agents. Designed for revealing very fine defects on both machined and unfinished ferro-magnetic materials.
CircleSafe® 820LS RTU	A Ready-to-Use oil bath used for magnetic particle inspection, packaged in a hand-held spray bottle. The oil bath contains a pre-proportioned combination of non-fluorescent black particles and odorless inspection oil vehicle. Designed for revealing very fine defects on both machined and unfinished ferro-magnetic materials



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