WCP-2

White Contrast Paint



MAGNAVIS® WCP-2 is a ready-to-use, rapid-drying white contrast paint. It produces a high-contrast white background to enhance visible indications on dark-coloured test surfaces and improve probability of detection and sensitivity during visible magnetic particle inspections.

WCP-2 can be used with all types of coloured and visible magnetic particles, and is suitable for use in both dry method and wet method magnetic particle inspection.

BENEFITS

Maximise indication detection

- See indications more easily on WCP-2's bright white, opaque surface which highlights indications while minimising glare and reflections.

Increase inspection speed

- Speed up inspections by applying a clean coat on the first pass, without bubbles or flakes.
- Dries evenly and quickly to create an optimal surface for faster indication formation.

Application versatility

- Comes in a convenient aerosol to take it with you wherever you go.
- Can be used with wet or dry method magnetic particles on virtually any ferrous part.
- Conforms to ISO 9934 specifications.

APPLICATIONS

Ideal for:

- Field testing
- Spot inspections
- In-service inspections

FEATURES

- Bright white color
- High opacity
- Provides good background contrast
- Fast drying
- Convenient, ready to use formula
- Controlled application
- Strong surface adhesion
- Matte coating
- Good hide power

SPECIFICATION COMPLIANCE

- ASME BPVC-V
- EN ISO 9934-1 (Para. 7 & 10 as applicable)
- EN ISO 9934-2

WCP-2

COMPOSITION

Inert inorganic pigments and an acrylic binder in a solvent blend based on acetone.

PRODUCT PROPERTIES

Form and colour	White liquid
Flash point	-40°C (aerosol) - 18°C (bulk product)
Density	0.93 g/cm^3
Boiling point	56°C
Solids content	20%
Viscosity at 20°C	< 20 mm^2/s
Coverage	20 - 30m^2 per litre

Like all Magnaflux materials, our contrast paint is closely controlled to ensure batch-to-batch consistency, optimum process control and inspection reliability.

USER RECOMMENDATIONS

NDT Method	Magnetic Particle Testing, Visible, Wet Method
Storage temperature	10°C to 30°C
Usage temperature	-5°C to 50°C
Visible magnetic inks	7HF, WB-27
Cleaner/remover	SKC-S, C10

INSTRUCTIONS FOR USE

Clean the component before testing to provide a suitable test surface.

Shake the WCP-2 to ensure the paint particles are evenly distributed.

Apply a thin, even film of paint to the test surface by spraying, dipping, or brushing. Allow it to dry.

Apply magnetic particles to the test surface and observe any indications formed around leaks/defects. If the test material has a high retentivity, indications will remain visible; othwerise, the indications will slowly fade.

After inspection, demagnetise the test part before cleaning. The dried paint film can be removed using a wire brush or a common solvent, such as acetone.

PACKAGING AND PART NUMBERS



008A009 (x 10)



055C027 (x 4)

HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the Safety Data Sheets, which are available at **www.magnaflux.eu**