

695.1

## White Contrast Paint



TIEDE® 695.1 is a ready-to-use, rapid-drying white contrast paint. It produces a high-opacity, semi-matt white background to enhance visible indications on dark-coloured test surfaces and improve probability of detection and sensitivity during visible magnetic particle inspections.

695.1 can be used with all types of coloured and visible magnetic particles.

### BENEFITS

#### Maximise indication detection

- See indications more easily on a bright white, opaque surface which high-lights 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 part.
- Conforms to ISO 9934 specifications.

### FEATURES

- Bright white color
- High opacity
- Provides good background contrast
- Fast drying
- Convenient, ready to use formula
- Controlled application
- Strong surface adhesion
- Matte coating
- Very low toxicity
- Low in sulphur and halogens
- Contains no chlorinated hydrocarbons

### SPECIFICATION COMPLIANCE

- ASME B & PV Code, Sec V
- EN ISO 9934-1 (Para. 7 & 10 as applicable)
- EN ISO 9934-2
- GOST R ISO 9934-2-2011

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## APPLICATIONS

### Ideal for:

- Field testing
- Spot inspections
- In-service inspections

## COMPOSITION

Inert inorganic pigments and acrylic binder in a solvent blend based on acetone. 695.1 is low in sulphur and halogens, and contains no chlorinated hydrocarbons.

## PRODUCT PROPERTIES

<b>Form and colour</b>	White liquid
<b>Flash point</b>	-40°C (aerosol)
<b>Density</b>	0.93 g/cm <sup>3</sup>
<b>Boiling point</b>	56°C
<b>Solids content</b>	20%
<b>Viscosity at 20°C</b>	< 20 mm <sup>2</sup> /s

Like all Magnaflux materials, 695.1 is closely controlled to ensure batch-to-batch consistency, optimum process control and inspection reliability.

## USER RECOMMENDATIONS

<b>NDT Method</b>	Magnetic Particle Testing, Visible, Wet Method
<b>Storage temperature</b>	10°C to 30°C
<b>Usage temperature</b>	-5°C to 50°C
<b>Coverage</b>	12 - 18m <sup>2</sup> per aerosol
<b>Visible magnetic inks</b>	690.2, 7HF, WB-27
<b>Cleaner/remover</b>	RL-40, SKC-S

## INSTRUCTIONS FOR USE

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

Shake the 695.1 aerosol can to ensure the paint particles are evenly distributed.

Spray a thin, even film of the paint onto the test surface. Allow 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; otherwise, 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



008A181 (x 10)

## 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 [eu.magnaflux.com](http://eu.magnaflux.com).