

# BYCOTEST 104A 104plus



## WHITE CONTRAST PAINTS

### General description

104A and 104plus are ready-to-use, rapid-drying white contrast paints used to provide a white background to enhance visible magnetic particle indications. They give a particularly good contrast to our black magnetic ink, 103, ensuring that even the smallest indication can be seen.

Both paints produce a thin dry film, giving a high-opacity, semi-matt finish. They are low in sulphur and halogens, and contain no chlorinated hydrocarbons.

### Typical Properties (not a specification)

Property	104A	104plus
Form and colour	White mobile liquid	White mobile liquid
Composition	Inert inorganic pigments and acrylic binder in a solvent blend based on ethanol.	Inert inorganic pigments and acrylic binder in a solvent blend based on acetone.
Flash point (aerosol)	-41°C	-40°C
Density	1.05 g/cm <sup>3</sup>	0.93 g/cm <sup>3</sup>
Boiling point	ca. 80°C	56°C
Sulphur content	< 200 ppm	< 200 ppm
Halogen content	< 200 ppm	< 200 ppm
Storage temperature	10°C to 30°C	10°C to 30°C
Usage temperature	-5°C to 50°C	-5°C to 50°C

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

### General Method of Use

- **Clean** the component before testing with our C10 cleaner, to provide a suitable test surface.
- **Shake** to ensure that the paint particles are evenly distributed.
- **Apply** an thin, even film of the paint to the test surface by spraying, dipping or brushing. 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**, the components should be properly demagnetised before cleaning. If required, the dried paint film can be removed using a wire brush or with our C10 or C15 cleaner.

## BYCOTEST 104A, 104plus



### Recommended Products

Product type	Product Name(s)
Black magnetic ink	103
Removers	C10 and C15

### Specification Compliance

Specification	104A	104plus
ASME B & PV Code, Sec V	✓	✓
EN ISO 9934-2	✓	✓

### Availability and Part Numbers

104A	104plus
 <p>400 ml</p> <p>008A251 (x 12)</p>	 <p>400 ml</p> <p>008A253 (x 12)</p>

### Health and Safety

Read the relevant Safety Data Sheet for this product before use. Safety Data Sheets are available on request from your Magnaflux distributor or via the Magnaflux website:

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