

PFINDER 280

WHITE CONTRAST PAINT

FOR MAGNETIC PARTICLE TESTING

quick-drying



Version 10 | 15.01.2025 | Page 1/1

DESCRIPTION

PFINDER 280 is a quick-drying white contrast paint for magnetic particle testing. In combination with magnetic particles, e.g. magnetic particle suspension PFINDER 251 surface defects of magnetizable materials can be indicated under daylight conditions.

The product is applied by direct spraying on the surface to be tested.

APPLICATION

Cover surfaces to be tested thinly and evenly with white contrast paint PFINDER 280. Allow to dry. Apply black magnetic suspension (e.g. PFINDER 251) while magnetizing. Black indications will appear immediately on the white background.

The overcoatability of PFINDER 280 is possible after common surface pretreatment. Anyhow every specific application has to be tested in advance.

Application temperature

Aerosol spray can: 0°C – 50°C (32°F – 122°F)
Work piece: up to 50°C (122°F)

The capability of the magnetic particle suspension should be checked regularly by means of own reference pieces or e.g. reference block 1 according EN ISO 9934-3.

Aerosol spray cans must not be warmed up above + 50 °C (+122 °F). Minimum working temperature for Aerosol spray cans is +5°C (41 °F).

Process description according EN ISO 9934-1 see www.pfinder-ndt.com.



YOUR GREEN NDT BENEFITS

- | Free of silicone, sec. amines, nitrites/halogens
- | Aerosol spray can with minimized carbon footprint
- | Low consumption due to high opacity



YOUR HANDLING + COST SAVING BENEFITS

- | Quick-drying
- | High adhesion to all kind of materials and surfaces
- | No cracking of paint at low temperature

APPROVALS & CONFORMITIES

The product conforms to these specifications / is suitable for the use according to:

EN ISO 9934-2 | ASME V Art.7 |
ASTM E 709

Low content of sulfur and halogens according to EN ISO 9934-2.

PACKAGING

500-ml-spray can

These packages are on stock and instantly available. Other packages on demand.
The spray characteristics of aerosol cans may change during the shelf life.

SHELF-LIFE & STORAGE

5 years

Storage between + 5 °C to + 45 °C / +40°F to 105°F
Shake or stir well before use!

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C	EN ISO 12185	kg/m ³	approx. 920
Flash Point	ASTM D 93	°C	approx. - 20
Productivity	500-ml-spray can	m ²	up to 7

Data of products packaged in aerosol spray cans might differ.