

### DESCRIPTION

PFINDER 240 is a water-based, ready-to-use suspension of black magnetic particles with special additives for magnetic particle testing. With PFINDER 240 surface defects of magnetizable materials can be detected at daylight.

The product is applied by direct spraying on the surface to be tested. PFINDER 240 is suitable for testing at temperatures between +5°C and +50°C (temperature of work part).

Due to the use of an alternative, non-flammable propellant PFINDER 240 aerosol spray cans come with a more than ca. 20% higher suspension content - compared with standard 500mL aerosol spray cans. The gross volume of all PFINDER spray cans is 650mL.

### APPLICATION

Cover surfaces to be tested thinly and evenly with white contrast paint PFINDER 280. Allow to dry. Apply PFINDER 240 while magnetizing. Black indications will appear immediately on the white background.

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.

Process description according EN ISO 9934-1 see [www.pfinder-ndt.com](http://www.pfinder-ndt.com).



### YOUR GREEN NDT BENEFITS

- No hazard classification/labeling acc. to EC regulation
- Aerosol spray can with non-flammable propellant
- Odourless
- Aerosol spray can with minimized carbon footprint

### APPROVALS & CONFORMITIES

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

**DIN EN ISO 9934-2**  
**ASTM E 709**  
**ASME V Art.7**  
**ASTM E 1444**

Please respect the relevant rules and specifications for your application.



### YOUR HANDLING + COST SAVING BENEFITS

- Excellent sharp, quick and stable indications
- Very efficient: Very high filling volume per aerosol spray can
- Compatible with non-ferrous materials

### PACKAGES IN STOCK / STORAGE CONDITIONS

300-mL-aerosol spray can (for 360° application).  
*These packages are on stock and instantly available. Other packages on demand.*

Storage between +5°C and +45°C. Shake well or stirr before use!



### SHELF-LIFE

3 years

### TECHNICAL PROPERTIES

Density/20°C	DIN EN ISO 12185	approx. 1001 kg/m <sup>3</sup>	Settlement volume	AMS 3042	approx. 0,8mL/100mL
Viscosity/20°C	DIN EN ISO 3104	approx. 1,0 mm <sup>2</sup> /s			
Flash point	ASTM D 93	> 100°C			
Particle size dm	Pfinder 080.900Q01	approx. 1,5 µm			