

PFINDER 240

MAGNETIC PARTICLE SUSPENSION

BLACK

water-based | ready to use



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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. 50 % higher suspension content - compared with standard 500 ml aerosol spray cans. The gross volume of all PFINDER spray cans is 650 ml.

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 no.1 according EN ISO 9934-3.

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



YOUR GREEN NDT BENEFITS

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



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

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 1444 | ASTM E 709 |

PACKAGING

400-ml-spray can (for 360° application)

These packages are on stock and instantly available. Other packages on demand.

SHELF-LIFE & STORAGE

3 years

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

| CHARACTERISTIC DATA | Specification | Unit | Value |
|---------------------|--------------------|--------------------|--------------|
| Density/20 °C | EN ISO 12185 | kg/m ³ | approx. 1001 |
| Viscosity/20 °C | EN ISO 3104 | mm ² /s | approx. 1,0 |
| Flash Point | ASTM D 93 | °C | > 100 |
| Particle size dm | PFINDER 080.900Q01 | µm | approx. 1,5 |
| Settlement volume | AMS 3042 | ml/100 ml | approx. 0,8 |