

PFINDER 150

MAGNETIC PARTICLE SUSPENSION

FLUORESCENT

oil based | ready to use



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DESCRIPTION

PFINDER 150 is a ready-to-use suspension of fluorescent magnetic particles in low-viscos carrier oil with special additives for magnetic particle testing. With PFINDER 150 surface defects of magnetizable materials can be indicated under UV-light (365 nm).

APPLICATION

Apply PFINDER 150 undiluted while magnetizing. Indications will appear immediately under UV-light (365 nm).

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



YOUR GREEN NDT BENEFITS

- | Odourless
- | Free of silicone, sec. amines, nitrites/halogens
- | Aerosol spray can with minimized carbon footprint



YOUR HANDLING + COST SAVING BENEFITS

- | Excellent sharp, quick and stable indications
- | Low background fluorescence
- | 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 |
AMS 2641 | AMS 3044 |
AMS 3045 | AMS 3046

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

PACKAGING

500-ml-spray can (for 360° application) | 5-l-canister

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

3 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. 760
Viscosity/20 °C	ASTM D 445	mm ² /s	approx. 2,5
Flash Point	ASTM D 93	°C / °F	≥ 61 /
Particle size d50	PFINDER 080.900Q01	µm	3 – 6
Fluorescent coefficient	EN ISO 9934-2	cd/W	approx. 3,8
Settlement volume*	AMS 3045	ml/100ml	approx. 0,3

Data of products packaged in aerosol spray cans might differ.