

DESCRIPTION

PFINDER 900 is a hydrocarbon-free, directly water-washable and readily biodegradable fluorescent penetrant for crack detection of surfaces. Due to its removability PFINDER 900 provides a low residual background even on rough surfaces and therefore a user-friendly interpretability of the indications.

PFINDER 900 is qualified for penetrant testing at temperatures up to +100°C (temperature of work part) according to EN ISO 3452-5.

Penetrant type I according DIN EN ISO 3452-1.

Use: Type I, Method A, C, E, Form a, b, c, d.

For details about "Biological degradability of PFINDER penetrants" please refer to the leaflet.

APPLICATION

The capability of the penetrant system should be checked regularly by means of own reference pieces or e.g. reference test block 2 according EN ISO 3452-3.

Process description according DIN EN ISO 3452-1 see www.pfinder-ndt.com.

For applications at temperatures above +50°C, penetration time has to be adapted as follows:

+100°C bis +50°C: penetration time up to 15 minutes

+50°C bis +10°C: according DIN EN ISO 3452-1 und EN ISO 3452-2

Values are referring to the temperature of the working part. Aerosol spray cans must not be warmed up above +50°C.



YOUR GREEN NDT BENEFITS

- Readily biodegradable - no waste water treatment required
- Nearly odourless
- Free of aromatics, hydrocarbons and heavy metals



YOUR HANDLING + COST SAVING BENEFITS

- Bright, sharp indications with high contrast
- Easy rinsability = low background fluorescence
- Reduced consumption due to low viscosity
- Applicable in a temperature range up to +100°C

APPROVALS & CONFORMITIES

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

**EN ISO 3452-2, 3452-5, 3452-6,
ASTM E165, ASME V Art.6.**

Low content of sulfur and halogens according to EN ISO 3452-2.

Please respect the relevant rules and specifications for your application.

PACKAGES IN STOCK / STORAGE CONDITIONS

200-L-drum, 1000-L-container.

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

Storage between +5°C and +45°C.

SHELF-LIFE

3 years

TECHNICAL PROPERTIES

Density/20°C	DIN EN ISO 12185	970 ± 15 kg/m ³
Viscosity/20°C	ASTM D 445	approx. 10 mm ² /s
Flash point	ASTM D 93	> 100°C