

#### DESCRIPTION

PFINDER 902 is a hydrocarbon-free, directly water-washable and readily biodegradable fluorescent penetrant for crack detection of surfaces. Due to its removability PFINDER 902 provides only a low residual background even on rough surfaces and therefore a user-friendly interpretability of the indications.

PFINDER 902 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](http://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
- Aerosol spray can with minimized carbon footprint



#### 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

#### PACKAGES IN STOCK / STORAGE CONDITIONS

500-mL-spray can (for 360° application), 5-L-canister, 30-L-canister, 200-L-drum, 1000-L-container.

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



#### TECHNICAL PROPERTIES

Density/20°C	DIN 51757	952 ± 48 kg/m <sup>3</sup>
Viscosity/20°C	ASTM D 7042	approx. 16 mm <sup>2</sup> /s
Flash point	EN ISO 2719	≥ 109

Data of products packaged in aerosol spray cans might differ.

#### APPROVALS & CONFORMITIES

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

**EN ISO 3452-2, 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.

#### SHELF-LIFE

3 years