

# PFINDER 900

## PENETRANT

## FLUORESCENT

### Type I | sensitivity level 0,5



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#### 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 only 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.com](http://www.pfinder.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

#### APPROVALS & CONFORMITIES

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

EN ISO 3452-2 | 3452-5 |  
VDA236-150 | ASTM E165 |  
ASME V Art.6

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

#### PACKAGING

200-l-drum | 1000-l-container

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

#### SHELF-LIFE & STORAGE

3 years

Storage between + 5 °C and + 45 °C.

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C	EN ISO 12185	kg/m <sup>3</sup>	approx. 966 ± 48
Viscosity/20 °C	ASTM D7042	mm <sup>2</sup> /s	approx. 9
Flash Point	EN ISO 2719	°C	> 110