

PFINDER 901

PENETRANT

FLUORESCENT

Type I | sensitivity level 1



Version 13 | 01.07.2022 | Page 1/1

DESCRIPTION

PFINDER 901 is a hydrocarbon-free, directly water-washable fluorescent penetrant for crack detection of surfaces. PFINDER 901 is readily biodegradable according to ISO 9888 / Zahn-Wellens-EMPA test (OECD 302 B). Details and test report available on request.

Due to its removability PFINDER 901 provides only a low residual background even on rough surfaces and therefore a user-friendly interpretability of the indications.

PFINDER 901 is qualified for penetrant testing at temperatures up to + 100 °C (temperature of work part) according to EN ISO 3452-5 and EN ISO 3452-6.

Penetrant type I according DIN EN ISO 3452-1.
Use: Type I, Method A, C, E, Form a, b, c, d, f, g.

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.

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 |
ASTM E1417 | 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 | DIN 51757 | kg/m ³ | 960 ± 48 |
| Viscosity/20 °C | ASTM D7042 | mm ² /s | approx. 16 |
| Flash Point | EN ISO 2719 | °C | ≥ 109 |