

PFINDER 900W

PENETRANT

FLUORESCENT

Type I | sensitivity level 0,5



Version 11 | 15.01.2025 | Page 1/1

DESCRIPTION

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

In addition, PFINDER 900W is free of any hazard classification/labeling according to regulation (EC) No. 1272/2008.

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

APPLICATION

Application temperature
4°C – 50°C (39°F – 122°F)

For applications at temperatures below + 10 °C (+50 °F), penetration time has to be adapted as follows:
+ 10 °C bis 0 °C (+50 °F to +32 °F): standard-penetration time x 2

Values are referring to the temperature of the work piece.

Material's compatibility with magnesium alloys must be tested by the user.
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.



YOUR GREEN NDT BENEFITS

- | No hazard classification/labeling acc. to EC regulation
- | Readily biodegradable – no waste water treatment required
- | Free of 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 | VDA236-150 |
ASTM E165 | ASME V Art.6 |
ASTM E1417

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

18 months

Storage between + 5 °C to + 45 °C / +40°F to +105°F

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C	DIN 51757	g/cm ³	approx. 1,01
Viscosity/20 °C	ASTM D7042	mm ² /s	approx. 12
Flash Point	EN ISO 2719	°C	n.a.