

PFINDER 923

PENETRANT

FLUORESCENT

Type I | sensitivity level 3



Version 8 | 15.03.2022 | Page 1/1

DESCRIPTION

PFINDER 923 is a hydrocarbon-free, directly water-washable fluorescent penetrant for crack detection of surfaces. PFINDER 923 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 923 provides only a low residual background even on rough surfaces and therefore a user-friendly interpretability of the indications.

PFINDER 923 meets all requirements of the AMS 2644G and is therefore being used especially for the testing of aviation components.

Penetrant Type 1 (fluorescent), Method A, sensitivity level 3 according AMS 2644G.

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.



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:

AMS 2644G | ASTM E165 |
E1417 | AITM 6-1001 |
Boeing BAC 5423 | BSS 7039

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 ³	approx. 974
Viscosity/20 °C	ASTM D 445	mm ² /s	approx. 33,7
Viscosity/38 °C (100 °F)	ASTM D 445	mm ² /s	approx. 16,5
Flash Point	ASTM D 93	°C (°F)	> 93 (200)