

DESCRIPTION

PFINDER 923 is a hydrocarbon-free, directly water-washable and readily biodegradable fluorescent penetrant for crack detection of surfaces. 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 AMS2644 and is therefore being used especially for the testing of aviation components.

Penetrant Type 1 (fluorescent), Method A, sensitivity level 3 according AMS2644.

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.



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 the following specifications / is suitable for use according to:

**AMS2644,
EN ISO 3452-2
ASTM E165, E1417,
AITM 6-1001,
Boeing BAC 5423, BSS 7039**

Please respect the relevant rules and specifications for your application.

PACKAGES IN STOCK / STORAGE CONDITIONS

200-L-drum, 1000-L-container.

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

Storage between +5°C and +45°C.

SHELF-LIFE

3 years

TECHNICAL PROPERTIES

| | | |
|------------------------|------------------|---------------------------------|
| Density/20°C | DIN EN ISO 12185 | approx. 974 kg/m ³ |
| Viscosity/20°C | ASTM D 445 | approx. 33,7 mm ² /s |
| Viscosity/38°C (100°F) | ASTM D 445 | approx. 16,5 mm ² /s |
| Flash point | ASTM D 93 | > 93°C (200°F) |