



NEO-GLO FWB3 Water-Washable Fluorescent Penetrant

FWB3 is a water-based, non-flammable, water-washable fluorescent penetrant. Fluorescent penetrant inspection (FPI) is a method for easily detecting surface-breaking defects by irradiating ultraviolet light from a UV-A light source. This product enables the detection of defect indications with excellent visibility, even on rough surfaces such as forgings, castings, and unmachined parts.

With excellent water washability, FWB3 reduces the volume of washing water required for inspection, allowing for reliable defect detection while minimizing inspection costs for users. It is classified as Type I (fluorescent), Method A (water-washable) under JIS Z 2343 standards.

■ FEATURES

- Excellent washability with low wastewater volume.
- Defect indications have a yellowish hue, offering exceptional visibility.
- Low odor.
- Easy to process wastewater.
- Demonstrates superior wetting performance.
- Outstanding defoaming properties.
- Ultra-environmentally friendly, compliant with no domestic regulations.
- Suitable for inspecting plastics.
- Classified as a non-hazardous substance under the Fire Service Act.

■ PROPERTIES

| | |
|------------------|--------------|
| Color | Yellow-green |
| Odor | Glycol odor |
| Flash Point | - |
| Viscosity | 1.83 cSt |
| Fire Service Act | - |

■ SPECIFICATION CONFORMANCE

* Please contact us regarding compliance to the latest standards and standards not listed in this TDS.

NEO-GLO FWB3 Water-Washable Fluorescent Penetrant

APPLICATIONS

- Castings
- Forgings
- Ceramics
- Plastics
- Large components

SPECIFICATION

How to use →



| NDT Method | Penetrant Testing (PT) / Water-Washable Fluorescent Penetrant |
|--------------------------|---|
| Type | Type I (Fluorescent) |
| Method | A (water washable) |
| Sensitivity Level | Equivalent to JIS Z 2343-2 Sensitivity Level 1/2 |
| Storage temperature | 40°F~104°F/5°C~40°C |
| Usage Temperature | 50°F~104°F/10°C~40°C |
| Quality assurance period | 2 years from the manufacturing month |
| Disposal | Dispose empty can in a safe manner in accordance with local/national regulations. |

CONTAINER

Can Type: 3.8L and 18L cans, 200 L drum

SERVICE/CONTACT

Please be sure to read the SDS (Safety Data Sheet) before use.

Please download the SDS from our website or contact our nearest sales office or distributor.

For other inquiries about our products, please contact our nearest sales office.

Contact us →

