



NEO-GLO F-4A-Au Plus Water-Washable Fluorescent Penetrant

NEO-GLO F-4A-Au Plus is a low-sensitivity, water-washable fluorescent penetrant. Fluorescent penetrant testing detects surface-opening defects by exposing them to ultraviolet (UV) light using a UV-A source under blacklight. This penetrant provides excellent visibility of crack indications even on rough surfaces, such as forgings or castings, as well as unmachined surfaces. F-4A-Au Plus is solvent-based and versatile, suitable for a wide range of test objects, materials, and defect types.

It offers excellent water-washability, allowing inspection with less washing water, even with hot water exceeding 122°F/50°C. This feature enables reliable defect detection while reducing inspection costs for users.

It is classified as Type I (fluorescent) and Method A (water washable) under JIS Z 2343.

■ FEATURES

- Excellent water-washability.
- Washable even with high-temperature water.
- Minimal residual fluorescence with outstanding visibility of flaw indications.
- Low odor and environmentally friendly, enabling easy wastewater treatment.

■ PROPERTIES

Color	Yellow-green
Odor	Petrol odor
Flash Point	>158°F / > 70°C
Viscosity	4.8 cSt
Fire Service Act	Class 4 and Class 3 petroleum (water-soluble)

■ SPECIFICATION CONFORMANCE

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

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APPLICATIONS

- Machined components
- Castings
- Forgings

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
Storage Temperature	32°F~104°F/0°C~40°C
Usage Temperature	Above 50°F/10°C
Quality assurance period	3 years from the manufacturing date
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 →

