



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

F-4A-E Plus is a high-sensitivity, water-washable fluorescent penetrant. Its excellent water-washability enables inspections with a minimal amount of rinsing water, reducing inspection costs for users while ensuring highly reliable defect detection. It is particularly effective in detecting fine defects and is widely used for defect detection in precision castings and other applications.

For enhanced visibility and detectability of defect indications, it is recommended to use F-4A-E Plus in combination with F-5D/1 dry developer, F-4W-SP/1 water-suspendible developer, or F-4S(NT) quick-drying developer.

F-4A-E Plus corresponds to Type I (fluorescent), Methods A and C (water-washable and solvent-removable), and sensitivity level 3 under JIS Z 2343.

■ FEATURES

- Excellent water washability.
- Highly reliable defect detection, even for fine defects.
- Environmentally friendly with low odor and excellent wastewater treatability.

■ PROPERTIES

Color	Yellow-green
Odor	Petrol odor
Flash Point	>158°F / > 70°C
Viscosity	12.4 cSt
Fire Service Act	Class 4 and class 3 petroleum (non-water-soluble)

■ SPECIFICATION CONFORMANCE

- EN-ISO 3452-2
- JIS Z 2343-2

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

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APPLICATIONS

- Machined components
- Precision castings
- Precision forgings
- General metals

SPECIFICATION

How to use →



NDT Method	Penetrant Testing (PT) / Water-Washable Fluorescent Penetrant
Type	Type I (Fluorescent)
Method	A、 C (water washable, solvent removable)
Sensitivity Level	JIS Z 2343-2 Level 3
Storage Temperature	32°F~104°F/0°C~40°C
Usage Temperature	50°F~122°F/10°C~50°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: 3.8 L and 18 L Can, 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 →

