

NEO-GLO F-4A-B Plus(T) Water-Washable Fluorescent Penetrant

NEO-GLO F-4A-B Plus (T) is a medium-sensitivity, water-washable fluorescent penetrant. It is capable of detecting highly visible crack indications even on rough surfaces, such as forged or cast materials, as well as unmachined surfaces. This penetrant is versatile and can be used for various inspection targets, materials, and defect types.

As an environmentally friendly penetrant featuring low odor and excellent wastewater treatability, it allows for reliable defect detection while reducing wastewater treatment costs for users. When used in combination with F-5D/1 dry developer, F-4W-SP/1 water-suspendible developer, or F-4S(NT) quick-dry developer, it enhances the visibility and detectability of flaw indications.

It complies with JIS Z 2343, classified as Type I (fluorescent), Methods A and C (water washable, solvent removable), and sensitivity level 2.

■ FEATURES

- Excellent water washability.
- Excellent visibility of defect indications with low background.
- Environmentally friendly with low odor and excellent wastewater treatability.

■ PROPERTIES

Color	Yellow-green
Odor	Petrol odor
Flash Point	>158°F / > 70°C
Viscosity	8.6 cSt
Fire Service Act	Class 4 and class 3 petroleum (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
- Castings
- 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 2
Storage Temperature	Can: 32°F~104°F(0°C~40°C) / Aerosol: Less than 104°F(40°C)
Usage Temperature	50°F~122°F/10°C~50°C
Quality assurance period	3 years from the manufacturing date
Disposal	Aerosols: After using up the contents, press the button outside in a fire-free area until the spray sound disappears, vent the gas completely. Cans: Dispose empty can in a safe manner in accordance with local/national regulations.

CONTAINER

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

Aerosol Type : 450 type Aerosol

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 →

