



NEO-GLO F-4S(NT)/1 AMS2644 Qualified Solvent Based Developer

NEO-GLO F-4S(NT)/1 is a solvent-based, quick-drying developer qualified under AMS2644. Quick-drying developers draw penetrant fluid out of defects through capillary action, forming enlarged indications by enhancing contrast between fluorescent penetrant indications and the background. This product provides highly reliable defect detection for preventive maintenance and quality inspections during manufacturing. It is widely used for weld quality verification, maintenance and quality checks, leak detection, and aircraft component inspections. For optimal performance, it is recommended to use this product in combination with AMS2644-certified penetrants from the "3 series."

F-4S(NT)/1 is listed in QPL/QPD AMS2644 as Type I (fluorescent) and Form d (solvent-based for Type I). It is also approved by Pratt & Whitney and corresponds to Type I (fluorescent), Form d (solvent-based for Type I) under JIS Z 2343.

■ FEATURES

- Moderate drying properties.
- Qualified by the U.S. Air Force under AMS standards, making it suitable for a wide range of materials, including aerospace applications.
- Forms a high-contrast white coating with strong capillary power for drawing out penetrant fluid.
- Available in a portable, user-friendly aerosol type.

■ PROPERTIES

Color	White suspension
Odor	Alcoholic odor
Flash Point	14°F / - 10°C
Fire Service Act	Class4 and Class 1 Petroleum (Water-soluble)



NEO-GLO F-4S(NT)/1 AMS2644 Qualified Solvent Based Developer

SPECIFICATION CONFORMANCE

- EN-ISO 3452-2
- JIS Z 2343-2
- AMS 2644
- ASTM E 1417
- ASME B&PV Code, Sec.V
- Pratt & Whitney PMC 4357

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

APPLICATIONS

- Welded parts
- Castings
- Forgings
- Pressure vessels
- Aircraft components

SPECIFICATION

NDT Method	Penetrant testing (PT) / Solvent based developer
Type	Type I (Fluorescent)
Method	Form d (Solvent-Based for Type I)
Storage Temperature	Can : 40°F~104°F (5°C~40°C) / Aerosol : less than 104°F (40°C)
Usage Temperature	40°F~125°F / 5°C~52°C
Usage cover	Aerosol: about 4.2 m ²
Quality assurance period	3 years from the manufacturing date
Disposal	Aerosol: 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.



NEO-GLO F-4S(NT)/1 AMS2644 Qualified Solvent Based Developer

■ CONTAINER

Can Type : 3.8 L and 18 L Can

Aerosol Type : 450 type

■ 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 →

