

Water Washable Fluorescent Penetrant Type1, Method A, Sensitivity Level3

ZChék-FP3 is a high sensitivity level 3 Water Washable Fluorescent Penetrant constituting nonionic biodegradable surfactants designed to have excellent washability properties. FP3 is formulated with strong capillary action which allows it to penetrate discontinuities quickly and bleed out into developer completely. FP3 is designed to find smaller, finer indications in sophisticated and critical components used in Aviation / Aerospace and Engineering applications

ZChék - FP3 is listed on the QPL SAE AMS 2644

FEATURES / BENEFITS

High sensitivity penetrant

Excellent detection and no background fluorescence.

Controlled washability

Exhibits bright sharp indications

High flash point

Safe on open areas

Non-halogenated

Safe on all metals

Low odor

User friendly

APPLICATIONS

ZChék-FP3 is used in the inspection and detection of discontinuities in castings, forgings, extrusions and other metal surfaces in Aviation / Aerospace, Oil & Gas and Engineering industries.

CONFORMANCE / APPROVALS

- QPLSAEAMS 2644
- ASME B & PV Code Sec
- ASTM E165
- ASTM E1417
- EN ISO 3452-2

TYPICAL PROPERTIES

	Color	Golden Yellow Liquid
	Fluorescence	Green - Yellow
	Viscosity @ 40 °C	21 cSt
	Density @ 29.5 °C	0.89 g / cc
	Flash point	> 100 °C / 200 °F
	Sulphur content	< 1000 ppm
	Chlorine content	< 1000 ppm

DIRECTIONS FOR USE

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- 01**
Pre Cleaning
Use ZChek-CR/ZChek-CL
- 
- 02**
Penetrant Application
Use ZChek-FP3
- 
- 03**
Remove Excess Penetrant
Water Pressure | 20-40 psi (1.4-2.8 bar)
Water Temperature | Generally 50°F to 100°F
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- 04**
Developer Application
Apply ZChek-DL/ZChek-DD9
- 
- 05**
Inspection
Inspect under UV lighting
UV Intensity: $\geq 1000 \text{ uW/cm}^2$

Usage Temperature: +41 to +122 °F / +5 to +50 °C

Storage Temperature: +50 to +122 °F / +10 to +50 °C

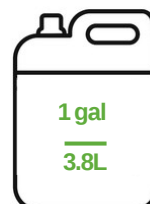
HEALTH & SAFETY

Information on Health & Safety is made available through material safety data sheets and the same can be reviewed through the company's website.

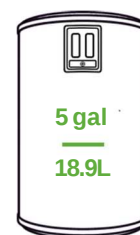
PACK SIZES



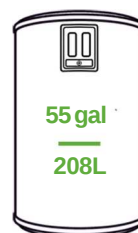
**12 cans in
one carton Box**
Part #120601



Case of 4
Part #120609



Part #120603



Part #120605

STORAGE & SHELF LIFE

Aerosol cans have a shelf life of 3 years and the bulk packing of 5 years, if unopened & stored as per ZChem recommendations.

Disclaimer: We have taken best care to ensure that the information provided in this data sheet is accurate. Our product is guaranteed to conform to the specifications provided. We make no other warranty; hence the liability is limited to replacement of product only.