

Post Emulsifiable Fluorescent Penetrant Type 1, Method B, C & D, Sensitivity Level 3

ZChek-FP12 is a High Sensitivity Post Emulsifiable Fluorescent Penetrant for detecting fine discontinuities open to surface. It exhibits outstanding fluorescent brightness. FP12 is a versatile high sensitivity penetrant for use on a variety of materials in critical applications for Aviation / Aerospace and Engineering Industries.

ZChek-FP12 is listed on the QPL SAE AMS 2644.

FEATURES / BENEFITS

Sharp indications

and zero background for visibility

Super Bright

Excellent Indications

Resists over-washing

High Sensitivity

High flash point

Safe on all areas

Non-halogenated

Safe on all metals

Low Odor

User friendly

APPLICATIONS

ZChek-FP12 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

- QPL SAE AMS 2644
- ASME B & PV Code. Sec V
- ASTM E165
- ASTM E1417
- EN ISO 3452-2

TYPICAL PROPERTIES

	Appearance	Bright Green-Yellow
	Viscosity @ 40 °C	14 cSt
	Density @ 29.5 °C	0.89 g/cc
	Flash point	> 93 °C / 200 °F
	Sulphur content	< 1000 ppm
	Chlorine content	< 1000 ppm
	Fluoride content	< 50 ppm

DIRECTIONS FOR USE

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- 01**
Pre Cleaning
Use ZChek-CR/ZChek-CL
- 
- 02**
Penetrant Application
Use ZChek-FP12
- 
- 03**
Remove Excess Penetrant
Use ZChek-CR/
ZChek-EF9 Emulsifier
- 
- 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



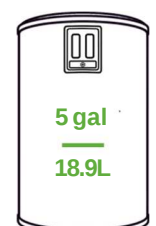
420 ml
—
14.20 fl.oz

12 cans in one carton Box
Part #120801



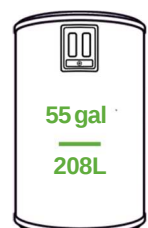
1 gal
—
3.8L

Case of 4
Part #120809



5 gal
—
18.9L

Part #120803



55 gal
—
208L

Part #120805

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.