

FP-923

Met-L-Chek® FP-923 is approved to AMS-2644 as a fluorescent (Type 1); Methods “A” and “C”; sensitivity Level 3 water washable inspection penetrant.

Met-L-Chek® FP-923 is used for the detection of fine cracks, porosity, and through leaks on metals, composites, synthetic materials, and some plastics. Met-L-Chek® FP-923 is approved for high sensitivity aerospace applications.



NDT Classification

- Sensitivity Level: 3
- Type: 1 – Fluorescent
- Method: A & C

Available Sizes

- Aerosol - 12 X 16 oz (400 mL)
- 6 X 1 Pint (0.4 L)
- 1 Gallon (3.7 L)
- 5 Gallon (18.9 L)
- 55 Gallon (208 L)

NSN Information

- 6850-01-263-8430 – 1 gal
- 6850-01-263-2263 – 5 gal
- 6850-01-263-4056 – 55 gal

Specifications

- AMS 2644
- AMS 2647
- ASME B&PVC Sec V
- ASTM E-1209
- ASTM E-1417
- ASTM E-165
- BAC 20-20-02
- BAC 5423
- BSS 7039
- EMS 52309
- GE 70-32-02
- GE LM6000 PC
- HGS1010
- IN-5000c
- ISO 3452-2
- MIL-STD-2132
- NAVSEA 250-1500-1
- PMC 4360
- PR-5000
- PSD 6-46 & PSD 8-4
- RPS-702-7
- RRP 58003
- T9074-AS-GIB-010

Typical Physical Properties

Form	Clear, yellow green liquid, no sediment.
Density	918 g/L
Flash Point	> 93°C
Viscosity	11.3 mm ² /s

Use Instructions

Visit www.Met-L-Chek.com to view detailed processing method guides.

Notes Prior to Handling

Before using Met-L-Chek® products, all safety and operating instructions should be read and understood. If you have any questions, please contact your Met-L-Chek® representative before proceeding. For complete health and safety information, refer to the product’s Safety Data Sheet. Met-L-Chek® Safety Data Sheets can be requested online at www.Met-L-Chek.com

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Met-L-Chek® manufactures a complete line of Nondestructive Testing materials including penetrants used in fluorescent (Type 1) and visible (Type 2) dye penetrant inspection, wet and dry magnetic particle inspection, and a variety of specialty testing materials.

CAUTION: Before using any of these products, you must become completely familiar with the safety and hazard information contained in our safety data sheets regarding these products. McGean-Rohco, Inc. (the seller) presents the information contained herein without warranty and disclaims any liability from its use or misuse. Seller recommends use of the information Seller's products solely in commercial processes which are specified by Seller and which do not violate any third party patent rights or any laws or regulations. The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose except as expressly stated in the seller's sales contract or sales acknowledgement form.



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