

# FLP-1

Met-L-Chek® FLP-1 is a special water based fluorescent penetrant concentrate designed for through leak testing and general metal working surface flaw detection.

Met-L-Chek® FLP-1 water based penetrant may be diluted with water to fit the inspection needs. The most common dilutions are 1:1 and 3:1, water to Met-L-Chek® FLP-1. For through leak testing or to enhance hydrostatic leak detection, dilutions of 1000:1 have been used successfully. The use of developer Met-L-Chek® D-70 will enhance flaw detection.



## NDT Classification

- Sensitivity Level: N/A
- Type: 1 – Fluorescent
- Method: A & A(W) & C

## Available Sizes

- 1 Gallon (3.7 L)
- 5 Gallon (18.9 L)
- 55 Gallon (208 L)

## NSN Information

- No NSN Numbers

## Specifications

## Typical Physical Properties

<b>Form</b>	Clear, yellow/orange liquid, no sediment.
<b>Density</b>	1025 g/L
<b>Flash Point</b>	> 93°C
<b>Viscosity</b>	4.7 mm <sup>2</sup> /s

## 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.

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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.

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**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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