

RLP-1

Met-L-Chek® RLP-1 is a water based, dual light response visible and fluorescent (Type 3) penetrant. It is designed for through leak testing and general metal working surface flaw detection. It is a biodegradable penetrant being free of solvents and oils. RLP-1 is used on plastics that may be attacked by more traditional inspection penetrants.

Met-L-Chek® RLP-1 gives visible red indications under white light and fluorescent orange indications under UV-A illumination. In the fluorescent mode of inspection smaller discontinuities may be detected than in the visible mode. Being a water-based penetrant, it may be diluted with water to fit the inspection needs. The most common dilutions are 1:1 and 3:1 water to RLP-1. The use of developer Met-L-Chek® D-70 will enhance flaw detection.



NDT Classification

- Type: 3 – Dual Light Response
- Method: A & 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

Form	Clear, reddish liquid, orange fluorescence
Density	1020 g/L
Viscosity	7.8 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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