

VP-30

Met-L-Chek® VP-30 is a visible (Type 2), water washable (Method A) and solvent removable (Method C) inspection penetrant. It is designed for use in general metalworking, welding, nuclear and automotive applications for surface flaw and through leak detection.

Met-L-Chek® VP-30 has found wide use in the inspection of food and dairy processing equipment such as heat exchanges. Visible penetrants are not rated by sensitivity levels per AMS-2644 but are considered approximately equal to level 1 fluorescent penetrants. ISO-3452 does rate visible penetrants by sensitivity level with #2 being the most sensitive. VP-30 is a level 2 per this specification's requirement.



NDT Classification

- Type: 2 – Visible
- 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

- 6850-01-267-7989 – 1 gal
- 6850-01-223-2867 – 5 gal

Specifications

- AMS 2644
- ASME B&PVC Sec V
- ASTM E-1417
- ASTM E-1418
- ASTM E-165
- Dassault IQ-1-0-1
- ISO 3452-2
- MIL-STD-2132
- MIL-STD-271
- NAVSEA-250-1500-1
- NFQS DC 103 Rev B 2004; MC 4200
- PS-008 Rev. 10
- RCC-M rev 2000
- T9074-AS-G1B-010/271

Typical Physical Properties

| | |
|--------------------|--------------------------------|
| Form | Clear red liquid, no sediment. |
| Density | 801 g/L |
| Flash Point | > 61.1°C |
| Viscosity | 2.5 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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