

MPI-86 (B, G, R, Y)

Met-L-Chek® MPI-86B is a blue magnetic particle powder. MPI-86G is a grey magnetic particle powder. MPI-86R is a red magnetic particle powder. MPI-86Y is a yellow magnetic particle powder.

They are designed for white light visible dry method inspection. They meet the requirements of AMS-3040 and ASTM E-1444 for visible dry method magnetic particle inspection. Met-L-Chek® MPI-86G, MPI-86B, and MPI-86Y may be used on hot surfaces up to 426°C. Met-L-Chek® MPI-86R is limited to 121°C maximum.



NDT Classification

- Type: Visible
- Method: Dry

Available Sizes

- 6.6 lb. (3 Kg)
- 11 lb. (5 Kg)
- 50 lb. (22.7 Kg)

NSN Information

- No NSN Numbers

Specifications

- AMS 3040
- API RP 5A5
- ASME B&PVC Sec V
- ASTM E-3024
- ASTM E-709
- MIL-STD-1949
- MIL-STD-2132
- NAVSEA 250-1500-1
- NTR-1 E
- T9074-AS-GIB-010/271

Typical Physical Properties

| | |
|---------------------------------|----------|
| Form | Powder |
| Density | 2500 g/L |
| Particle Size | 15-160 μ |
| SAE Relative Sensitivity | 6 |

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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