



PENETRANT PROFESSOR APPROVED

PRODUCT DATA SHEET

MPI-86
B, G, R, & Y



Met-L-Chek Company manufactures a complete line of Nondestructive Testing Materials. Met-L-Chek Company supplies fluorescent and visible dye penetrants, wet and dry magnetic particles and a variety of specialty testing materials. All Met-L-Chek Company products are designed to yield maximum value through quality, cost, and usability. Met-L-Chek Company products are sold under the *Met-L-Chek*® and *Pen-Chek*® trademarks. Met-L-Chek Company products are manufactured under license in The Netherlands by NDT Europa.

MPI-86B is a blue magnetic particle powder. **MPI-86G** is a grey magnetic particle powder. **MPI-86BLK** is a black magnetic 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. **MPI-86G**, **MPI-86B**, and **MPI-86Y** may be used on hot surfaces up to 426°C (800°F). MPI-86R is limited to 121°C (250°F) maximum.

Typical Physical Properties

Product Availability

Specifications

Form: coarse powder
Density: 2500 g/L
Particle size: 15-160µ
SAE Relative Sensitivity: 6

3 Kg (6.6 lb) plastic jar
5 Kg (11 lbs) plastic pail
22.7 Kg (50 lbs) plastic pail

AMS-3040
ASTM E-1444
ASME SE-709

ASTM E-709
API RP 5A5
B&PV Code Sec V



MPI-86B



MPI-86G



MPI-86BLK



MPI-86Y



MPI-86R

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