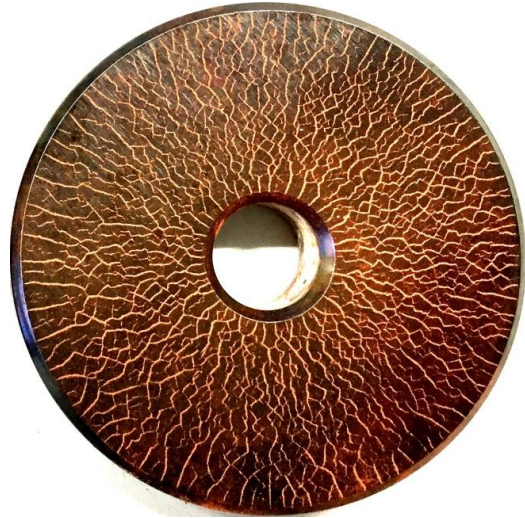


MR[®] Dry Magnetic Powder for Dry Powder Method

MR[®] 230 Dry powder red

- A highly refined **nonfluorescent and fluorescent red** magnetic powder
- Used for dry method magnetic particle inspection
- Designed to be used in visible light, UV and blue light to reveal minute discontinuities on fabricated components
- Weldments such as bridges, pipes, large tanks, machinery and equipment
- Meets or exceeds AMS 3040 and all applicable industry specifications



MR[®] 231 Dry powder grey

- A highly refined **nonfluorescent grey** magnetic powder
- Used for dry method magnetic particle inspection
- Designed to be used in visible light to reveal minute discontinuities on fabricated components or weldments such as bridges, pipes, large tanks, machinery and equipment
- Meets or exceeds AMS 3040 and all applicable industry specifications



MR[®] 232 Dry powder green

- A highly refined **nonfluorescent and fluorescent green** magnetic powder
- Used for dry method magnetic particle inspection
- Designed to be used in visible light, black light and blue light to reveal discontinuities on fabricated components or weldments such as bridges, drill pipes, large tanks and machinery
- Possesses a unique characteristic in that discontinuities in visible light are a distinct green and under black light or blue light the discontinuities fluorescent a sharp green
- This specially iron based powder is designed to minimize "dustiness" and provide clear, sharp discontinuities. The decrease in dusting allows for a safer inspection area
- Meets or exceeds AMS 3040 and all applicable industry specifications



MR[®] 233 Dry powder yellow

- A highly refined **nonfluorescent and fluorescent yellow** magnetic powder
- Used for dry method magnetic particle inspection
- Designed to be used in visible light, black light and blue light to reveal discontinuities on fabricated components or weldments such as bridges, drill pipes, large tanks and machinery
- Possesses a unique characteristic in that discontinuities in visible light are a distinct green and under black light or blue light the discontinuities fluorescent a sharp yellow
- This specially iron based powder is designed to minimize "dustiness" and provide clear, sharp discontinuities. The decrease in dusting allows for a safer inspection area
- Meets or exceeds AMS 3040 and all applicable industry specifications



MR[®] 234 Dry powder blue

- A highly refined **nonfluorescent blue** magnetic powder
- Used for dry method magnetic particle inspection
- Designed to be used in visible light to reveal minute discontinuities on fabricated components or weldments such as bridges, pipes, large tanks, machinery and equipment
- Meets or exceeds AMS 3040 and all applicable industry specifications





Dry Method Magnetic Inspection Particles

SPECIFICATION COMPLIANCE	MR® 230 Red	MR® 231 Grey	MR® 232 Green	MR® 233 Yellow	MR® 234 Blue
AMS 3040	x	x	x	x	x
ASME B&PV	x	x	x	x	x
ASTM E709	x	x	x	x	x
ASTM E1444/1444M	x	x	x	x	x
EN ISO 9934-2	x	x	x	x	x
ASME Code V, Art. 7	x	x	x	x	x

Dry Method Particles

Product	Color	Particle Size	AMS	SAE Sensitivity*	Temperature Limit
MR® 230	Nonfluorescent/Fluorescent Red	75 µm – 325 mesh	3040	8	315 °C / 600 F
MR® 231	Nonfluorescent Grey	75 µm – 325 mesh	3040	8	427 °C / 800 F
MR® 232	Nonfluorescent/Fluorescent Green	75 µm – 325 mesh	3040	8	315 °C / 600 F
MR® 233	Nonfluorescent/Fluorescent Yellow	75 µm – 325 mesh	3040	8	315 °C / 600 F
MR® 234	Nonfluorescent Blue	75 µm – 325 mesh	3040	8	315 °C / 600 F

Shelf Life:

Five (5) years, when closed containers are stored in a clean, dry environment away from excessive heat and cold. A Certificate of Shelf Life is available upon request.

**The above product shows a minimum of 8 lines on an AISI 01 KETOS steel ring (as defined in SAE AS5282), set on a 1-inch diameter copper bar, magnetized with 2500 A of direct current.*