

NABAKEM[®]
Chemicals & Aerosol



FM-25

NABAKEM FM-25(Fluorescent Magnetic Particle Spray)

Packaging Aerosol 450ml/Can, 20cans/Box

Unit :

Features

FM-25 is brown high sensitive fluorescence magnetic particle that changes its color to yellow green fluorescent color under Black Light (Ultraviolet Ray Wavelength 365nm). It is oil base type with low toxicity, high boiling point and no corrosion. By adding special dispersing agent and refined fluorescent magnetic particle, it can be sprayed evenly and very easy to be identified. Also it is very economic and effective product. This product, FM-25, can be applied on the precise defective area and is suitable for the testing of defective area when being processed and the finished product.

Component

FM-25 is the mixture of special fluorescent dye stuff and brown magnetic flaw and oil base.

Uses

FM-25 is the testing agent that can test the minute crack and crevice easily. It can be applied for the testing of defective area such as seams, shrink cracks, tears, laps, flakes, welding defect, grinding cracks, quenching cracks and fatigue cracks.

How to Use

1. Please clean the contaminants on the surface that needs to be tested with cleaner(Mega Check).(Dry Time 5 ~10min)
2. Please form the magnetizing current magnetic field.
3. Please spray the fluorescent magnetic particle spray (FM-25) evenly.
4. Please shine the Black Light (Ultraviolet Ray Wavelength 365nm).
5. Please examine the testing area with naked eye.

1. Cleaning of Testing Object
2. Forming the magnetizing current magnetic field
3. Spray FM-25(fluorescence Magnetic particle)
4. Black light survey
5. Examine the defective area with naked eye



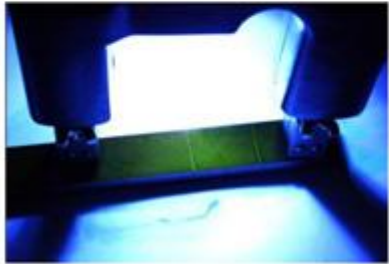
1. 검사물 세척



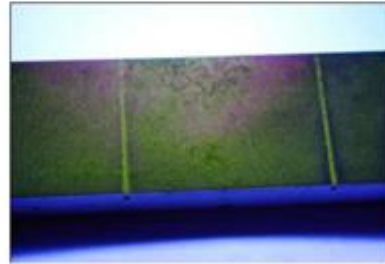
2. 자화전류 자장 형성



3. FM-25(형광자분) 스프레이 도포



4. Black light 조사



5. 결함부위 육안 검사

Cautions

- This flammable product uses high-pressure gas.
Comply with following cautions.
- 1. Do not spray it toward flame.
- 2. Do not use it near stove and heater.
- 3. Do not use it in the room using fire.
- 4. Do not keep in the place above 40℃
- 5. Provide ventilation after using it in closed room.
- 6. Do not throw it into fire.

7. Punch the can after use and remove residual gas to throw it away.
8. Do not keep it in the closed place.