

FLAWFINDER DEVELOPER SPRAY NDT Crack Detection Spray

FLAWFINDER Non-destructive inspection system is designed to provide a fast reliable method for visual detection of cracks or flaws which would not normally be visible to the naked eye. Ideal for the inspection of welded joints, castings, forgings etc...

FLAWFINDER DEVELOPER is an aerosol applied white powder which is designed to draw the penetrant out of a flaw, and enhance the definition, to facilitate detection when used in conjunction with FLAWFINDER DYE PENETRANT and FLAWFINDER CLEANER SPRAYS.

Features

- Highly visible white powder for strong definitions.
- Detection can be carried out under natural or electric.
- Easily removed by solvent or water washing.
- Convenient and easy to use.

Directions for Use

- Shake aerosol well before use.
- Apply from a distance of 15-20cm.
- After use invert can and spray until nozzle is clear.

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BS EN ISO 9001
Certificate No. FM 12448



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The information in this publication is based on our experience and reports from customers.
There are many factors outside our control or knowledge which affect the use and performance
of our products, for which reason it is given without responsibility.

Technical Data



Performance you can trust

Application Method

1. Clean the area to be tested with FLAWFINDER CLEANER SPRAY (No.1) and wipe thoroughly with a tissue or a lint-free cloth to ensure the surface is clean, dry and free of contaminants.
2. When the surface is completely dry apply FLAWFINDER DYE PENETRANT SPRAY (No.2) to cover the test area and allow a minimum contact time of 10 mins. Finer definitions may require longer contact time.
3. Once the contact time has elapsed, the excess penetrant should be removed from the surface with a tissue or lint-free cloth wetted with FLAWFINDER CLEANER (No.1).

N.B. Do not spray the Cleaner directly onto the surface as the Penetrant could be flushed out of flaws.

4. Apply a THIN film of FLAWFINDER DEVELOPER SPRAY (No.3) to the test area and leave for a minimum of 10 mins for the Developer to draw up the retained Penetrant from any flaws or cracks.

5. Suspect areas should then be examined under natural or electric light for signs of flaws and/or cracks.

Cracks will show up as lines whilst porosity will appear as pin holes.

If the results are inconclusive repeat the process taking greater care when removing the excess penetrant.

Appearance	Very fine white powder
Propellant	Blend of hydrocarbon propellants
Solvent	Ketonic
Storage	Storage temperature should be kept below 50°C. Storage area should be out of direct sunlight
Pack Sizes – Part Codes	400ml – 63135

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