

Let us help you test your dust collectors for leaks. For on-site assistance with this process, please don't hesitate to email us at [info@advancetex.net](mailto:info@advancetex.net)

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## Fluorescent Leak Detection Powder Usage Instructions

**Quantity of Leak Detection Powder required: 1kg / 100m<sup>2</sup>**

1. Isolate extraction fan and pulse air.
2. Remove as much dust or leaked product from the clean air plenum as possible before carrying out leak tests.
3. Open access hatch or socket as close as possible to the baghouse. Preferred injection point should be in the inlet of the baghouse or the hopper. If powder is injected at a point far from the baghouse, the majority of the powder will be lost before reaching the bags and a greater quantity will be required. If large volumes of powder are required it may be advantageous to "blow" the powder in via a venturi or some other means.
4. Start extraction fan (leave pulse cleaning isolated) whilst feeding or injecting powder in.
5. Continue to run fan for 5 minutes after all of the powder has been injected.
6. Isolate extraction fan and enter the baghouse with a "black" light to identify leaking bags.
7. Remove and replace leaking bags and remove as much leak powder as possible.
8. Return to service while leaving pulse cleaning system isolated for 20 minutes (Or until the baghouse has reached it's operating DP).
9. If a second test is required to ensure all leaking bags have been replaced, an alternative colour should be used.

**Note: In areas of high moisture or humidity, calcium build up inside cages (From pulse induced moisture) will fluoresce to the same colour of the green powder.**

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