

Allyl Bromide Breakthrough Indicator For Carbon Absorbers

(PN: 170)

Manual



1. Application

The Allyl Bromide Breakthrough Indicator (PN: 170) is qualitative (yes/no) colorimetric indicator for the end-of-service life of carbon absorbers. It is designed to provide real-time indication of the breakthrough of allyl bromide vapor.

2. Specifications

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| a. Weight: | 28g (1.0oz) |
| b. Dimensions: | 89.9mm (3.5in), diameter: 24.5mm (1.0in) |
| c. Inlet dimensions: | ½" MNPT |
| d. Operating temperature: | -20°C to 55°C (-4°F to 131°F) |
| e. Operating humidity: | 5% RH to 85%RH |
| f. Minimum detectable limit: | 3ppm-hr at 30 cm/sec face velocity |
| g. Color change: | Brown or dark brown |
| h. Storage temperature: | 4°C to 25°C, (39°F to 77°F) |
| i. Shelf life: | 14 months at 4°C to 25°C, (39°F to 77°F) |
| j. Service life: | 14 months |
| k. Light effect: | For indoor use only.
Outdoor use: Use with BTI protective sleeve, PN: 180-3000. Sold separately. |

Cross interferences: Acrolein and aldehydes found in cigarette smoke react with approximately the same sensitivity. No other interferences are known.

3. Operating Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches.
- Remove the Breakthrough Indicator from the packaging pouch.
- Remove the ½" threaded plug from the carbon absorber outlet lid.
- Remove the protective red plug to activate the breakthrough indicator.
- Thread the Breakthrough Indicator into the ½" threaded carbon absorber outlet lid.



Caution: Only hand tighten indicator into carbon absorber

- Replace carbon absorber when the Breakthrough Indicator changes color to dark brown.



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