

CHEMTEQ[®]

Formaldehyde Vapor
Filter Breakthrough Indicator
HCHO BTI LFF
(PN: 136-0000)

Manual



1. Application

The Formaldehyde Breakthrough Indicator (BTI LFF) (PN: 136-0000) is qualitative (yes/no) colorimetric indicator for the saturation and end-of-service life of filters. The indicator is designed to provide real-time indication of the breakthrough of Formaldehyde vapor.

2. Specifications

- | | |
|------------------------------|---------------------------------------|
| a. Weight: | 4.4g (0.16oz) |
| b. Dimensions: | 79mm (3.1in), diameter: 10mm(0.39in) |
| c. Operating temperature: | 4°C to 40°C (39°F to 104°F) |
| d. Operating humidity: | 5% RH to 85%RH |
| e. Minimum detectable limit: | 0.3ppm-hr at 30 cm/sec face velocity |
| f. Color change: | Brown to dark brown to purple |
| g. Storage temperature: | 4°C to 25°C, (39°F to 77°F) |
| h. Shelf life: | 1 year at 4°C to 25°C, (39°F to 77°F) |

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 and reseal Pouch.
- Remove the protective red plug to activate the breakthrough indicator.
- Attach Breakthrough Indicator into filter outlet (close pore foam adapter is required; please contact us for details).
- Replace filter when the Breakthrough Indicator changes color to dark brown or purple.



Filter is good



Replace filter