CHEMTEQ

Pyridine and Basic Vapors Filter Breakthrough Indicator (BTI LFF) (PN: 169-0000)





1. Application

The Breakthrough Indicator (PN: 169-0000) is qualitative (yes/no) colorimetric indicator for the exhaustion and end-of-service life of low-flow filters. The indicator is designed to provide real-time indication of the breakthrough of pyridine and basic vapors such as ammonia and aliphatic amines.

2. Specifications

2.1. Overall Specification

a. Weight: 4.4a (0.16oz) b. Dimensions: 79mm (3.1in), diameter: 10mm (0.39in) c. Operating temperature: -20°C to 55°C (-4°F to 131°F) d. Operating humidity: 5% RH to 85%RH 1ppm•hr. at face velocity 30 cm/sec e. Minimum detectable limit: f. Color change: Yellow to green or blue 4°C to 25°C, (39°F to 77°F) g. Storage temperature: h. Service life: 1 year i. Shelf life: 14 Months at 4°C to 25°C, (39°F to 77°F) 2.2. Cross interferences

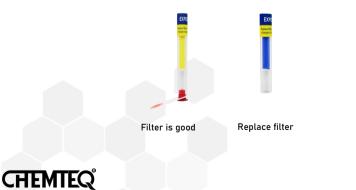
Acidic vapors in high concentrations impair the performance of the basic vapors breakthrough indicator.

3. Operating Instructions

- a. Ensure that packaging pouch is intact.
- b. Open packaging pouch by tearing off the top part from one of side notches.
- c. Remove one Breakthrough Indicator from packaging pouch, reseal pouch.
- d. Remove the 3/8" plug from filter's outlet lid.
- e. Remove the protective red plug to activate the breakthrough indicator.
- f. Attach Breakthrough Indicator into filter outlet (closed pores foam adapter is required; please contact us for details).



g. Replace filter when the Breakthrough Indicator changes color green or blue.



Chemteq, Inc., 600 West 24th Street, Suite B, Norfolk, Virginia 23517, Tel 757-622-2223, sales@chemteq.net @2009 Chemteq, Inc. MP-1698000-030214C

www.chemteq.net