

**Formaldehyde Vapor
Breakthrough Indicator
Inline
HCHO BTI Inline
(PN: 606)**



SPECIFICATIONS



1. Application

The Formaldehyde BTI inline (PN: 606) is qualitative (yes/no) colorimetric indicator for real-time indication of formaldehyde vapor.

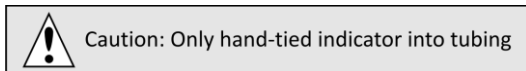
2. Specifications

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|-------------------------------|-----------------------------------------|
| a. Weight: | 28g (1.0oz) |
| b. Dimensions: | 89.9mm (3.5in), diameter 24.5mm (1.0in) |
| c. Inlet & outlet dimensions: | ¾" MNPT |
| d. Operating temperature: | -20°C to 55°C (-4°F to 131°F) |
| e. Operating humidity: | 5% RH to 90%RH |
| f. Minimum detectable limit: | 0.4ppm•hr at 30 cm/sec face velocity |
| g. Color change: | Brown to dark blue |
| h. Storage temperature: | 4°C to 25°C, (39°F to 77°F) |
| i. Shelf life: | 1years at 4°C to 25°C, (39°F to 77°F) |
| j. Service life: | 1year |

Cross interferences: Acrolein and aldehydes found in cigarette smoke react with approximately the same sensitivity. The formaldehyde breakthrough indicator was exposed to atmospheres containing at least two times the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) for the following substances: alcohols (methanol, ethanol and isopropanol), aromatic hydrocarbons (benzene, toluene and xylene), halogenated hydrocarbons (chloroform, methylene chloride and carbon tetrachloride), ammonia, carbon monoxide, chlorine, glutaraldehyde, hydrogen sulfide, nitrogen dioxide, phenol and sulfur dioxide. These substances showed no effect on the performance of the formaldehyde breakthrough indicator. No other interferences are known.

3. Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches.
- Remove the BTI Inline from the packaging pouch.
- Remove the protective red plugs to activate the breakthrough indicator.



- Formation of dark brown or dark blue color indicates the presence of formaldehyde vapor.

YOU CAN REUSE THE EXHAUSTED FORMALDEHYDE VAPOR BTI INLINE BY REPLACING THE CONSUMED FORMALDEHYDE VAPORS INDICATOR ASSEMBLY WITH A FRESH INDICATOR ASSEMBLY (PN: 606-1600). PLEASE CONTACT US FOR DETAILS.



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