



Hydrogen Cyanide
Breakthrough Indicator
Inline
HCN BTI Inline
(PN: 626)

SPECIFICATION



Hydrogen Cyanide BTI Inline Specifications

1. Application

The Hydrogen Cyanide BTI inline (PN: 626) is a qualitative (yes/no) colorimetric indicator for the real-time indication of hydrogen cyanide gas.

2. Specifications

- a. Weight: 28g (1.0oz)
- b. Dimensions: 89.9mm (3.5in), diameter 24.5mm (1.0in)
- c. Inlet & outlet dimensions: ½" MNPT
- d. Operating temperature: -20°C to 35°C (-4°F to 95°F)
- e. Operating humidity: 5% RH to 85%RH
- f. Minimum detectable limit: 0.5ppm·hr at 30 cm/sec face velocity
- g. Color change: Yellow to orange
- h. Storage temperature: 4°C to 25°C, (39°F to 77°F)
- i. Shelf life: 1 year at 4°C to 25°C, (39°F to 77°F)
- j. Service life: 6 months
- k. **Direct Sunlight effects:** For indoor use only
For outdoor applications, use the BTI Inline Protective sleeve (PN: 602-3000), sold separately.

Cross interferences: Hydrogen chloride and hydrogen sulfide impede the hydrogen cyanide indicator. No other interferences or limitations are known.

3. Instructions

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



- e. Replace carbon absorber when the Breakthrough Indicator changes color to orange (figure 1). High concentrations of hydrogen cyanide and high humidities turn the indicator to a brownish orange (figure 2).



CHEMTEC®

Chemtec, Inc., 600 West 24th Street, Suite B, Norfolk, Virginia 23517, Tel 757-622-2223, sales@chemtec.net
©2009 Chemtec, Inc.

www.chemtec.net

MP-6268100-081424-B