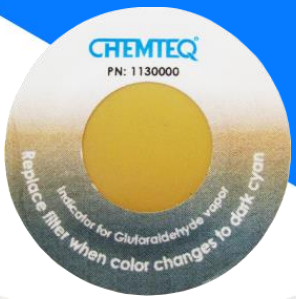
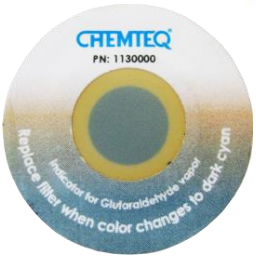
CHEMTEQ®

Glutaraldehyde Vapor
Breakthrough Indicator Sticker
Glut BTIS

(PN: 113-0000)

Manual





1. Application

The Glutaraldehyde BTIS (PN: 113-0000) is qualitative (yes/no) colorimetric indicator for the saturation and end-of-service life of ductless fume hood filters. The Indicator is designed to provide real-time indication of the breakthrough of glutaraldehyde vapor.

2. Specifications

a.	Weight:	0.4g (0.02oz)
b.	Dimensions:	2.8mm (0.11in),ϕ: 31.8mm (1.25in)
c.	Operating temperature:	-20°C to 55°C (-4°F to 131°F)
d.	Operating humidity:	5% RH to 85%RH
e.	Minimum detectable limit:	0.5ppm·hr at 30 cm/sec face velocity
f.	Color change:	Light brown to dark cyan
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)
i.	Service life:	1 year

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

3. Operating Instructions

a. Ensure that packaging pouch is intact.
b. Open packaging pouch by tearing off the top part from one of the side notches.
c. Remove indicator sticker from the packaging pouch.
d. Peel off the protective liner to expose the bottom adhesive (Figure 1).

Caution: Do not touch bottom adhesice or exposure area

e. Hold the sticker from the edges, as shown in Figure 2, and place it on center clean area of the filter's outlet with the reading area (glossy surface) of the sticker facing up.
f. Firmly press the sticker to adhere to the filter's outlet Figure 3.
g. Replace filter when the reading area of the indicator changes color to dark cyan.

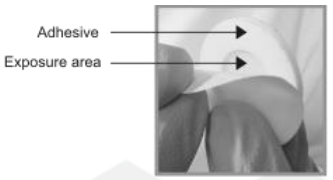


Figure 1


Figure 2

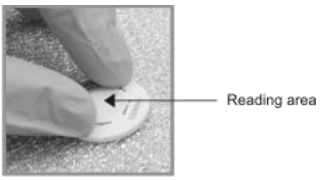


Figure 3

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