



Mercaptans
Breakthrough Indicator Sticker
HSR BTIS WP
(PN: 121-0000)

Manual



1. Application

The Mercaptans Breakthrough Indicator (PN: 121-0000) is qualitative (yes/no) colorimetric indicator for the saturation and end-of-service life of filters. It is designed to provide real-time indication of mercaptan vapors. Water has no effect on the breakthrough indicator

2. Specifications

- | | |
|------------------------------|--|
| a. Weight: | 0.4g (0.02oz) |
| b. Dimensions: | 2.0mm (0.11in), ϕ : 38.1mm (1.25in) |
| c. Operating temperature: | -20°C to 65°C (-4°F to 149°F) |
| d. Operating humidity: | 5% RH to 95%RH |
| e. Minimum detectable limit: | 1ppm-hr. at 30 cc/sec face velocity |
| f. change: | Olive green to pink |
| g. Storage temperature: | 4°C to 25°C, (39°F to 77°F) |
| h. Shelf life: | 1 years at 4°C to 25°C, (39°F to 77°F) |
| i. Service life: | 1 year |
| j. Water effect: | Waterproof |
| k. Light effect: | None |

Cross interferences: High concentrations of ammonia or hydrogen sulfide produce similar color. 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 indicator sticker from the packaging pouch.
- Peel off the protective liner to expose the bottom adhesive (Figure 1).



Caution: Do not touch bottom adhesive or exposure area

- Hold the sticker from the edges and place it on center clean area of the filter's outlet (Figure 2).
- Press firmly to adhere the sticker to the filter's outlet (Figure 3).
- Replace carbon absorber when the Breakthrough Indicator changes color to pink.

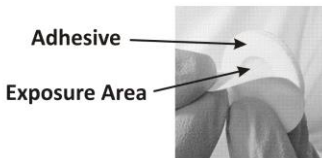


Figure 1



Figure 2



Figure 3

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