

Mercaptans Breakthrough Indicator Sticker For Sewer Manhole Filters HSR BTIS SMF WP (PN: 172-0000)

Manual



Filter is good



Replace filter



1. Application

The Mercaptans BTIS SMF (PN: 172-0000) is qualitative (yes/no) colorimetric indicator for the saturation and end-of-service life of sewer manhole filters. The indicator is designed to provide real-time indication of the breakthrough of mercaptans. Rain and drainage water have no effect on the performance of the BTIS SMF.

2. Specifications

- | | |
|------------------------------|---|
| a. Weight: | 0.4g (0.02oz) |
| b. Dimensions: | 2.8mm (0.11in), ϕ : 38.1mm (1.5in) |
| c. Operating temperature: | -40°C to 65°C (-40°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. Color change: | Olive green to pink |
| g. Storage temperature: | 4°C to 30°C, (39°F to 86°F) |
| h. Water effect: | waterproof |
| i. Sunlight effect: | no effect |
| j. Shelf life: | 1 year at 4°C to 25°C, (39°F to 77°F) |
| k. Service life: | 1 year |

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: Avoid touching adhesive and exposure area

- 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.
- Press firmly to attach sticker to the filter's outlet (Figure 3).
- Replace filter when the reading area of the indicator changes color to pink.

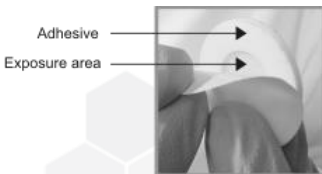


Figure 1



Figure 2



Figure 3

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