

## Formaldehyde Filter End-of-Service Life Indicator (ESLI) (PN: 2515-2000)

*Specification*



Filter is good



Replace filter



## Formaldehyde ESLI Specifications

### 1. Application

The Formaldehyde ESLI (PN: 2515-2000) is qualitative (yes/no) colorimetric indicator for the end-of-service life of filters. The indicator is designed to provide real-time indication of the end-of-service life of formaldehyde filters.

### 2. Specifications

- |                              |  |
|------------------------------|--|
| a. Weight:                   | 5g (0.18oz)                              |
| b. Dimensions:               | 21.6mm (0.85in), $\phi$ : 25.0mm (1.0in) |
| c. Threading:                | 0.75"-20 UNEF-2A male *                  |
| d. Operating temperature:    | -20°C to 55°C (-4°F to 131°F)            |
| e. Operating humidity:       | 5% RH to 85%RH                           |
| f. Minimum detectable limit: | 0.3ppm-hr at 30 cm/sec face velocity     |
| g. Color change:             | Light brown to dark blue                 |
| 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:             | 1 year                                   |

\* UNEF = Unified National Imperial Screw Thread

Cross interferences and limitations: Acrolein and aldehydes found in cigarette smoke react with approximately the same sensitivity. No other interferences or limitations 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 ESLI from the packaging pouch.
- Remove activation plug (Figure 1).



**Caution: Only hand tighten ESLI into housing**

- Hold the ESLI from the edges, as shown in Figure 2, and insert it into the ESLI housing (Figure 2).
- Screw the ESLI into the ESLI housing as shown in Figure 3.
- Replace or refill filter when the ESLI changes color Light brown to dark blue.



Figure 1

Figure 2

Figure 3

**CHEMTEQ**<sup>®</sup>

Chemteq, Inc., 600 West 24<sup>th</sup> Street, Suite B, Norfolk, Virginia 23517, Tel 757-622-2223, sales@chemteq.net  
©2009 Chemteq, Inc.

[www.chemteq.net](http://www.chemteq.net)

MP-25158200-092220-B