

## Basic Vapors Filter End-of-Service Life Indicator (ESLI) (PN: 2513-2000)

*Specification*



Filter is good



Replace filter



## Basic Vapors ESLI Specifications

### 1. Application

The Basic Vapors ESLI (PN: 2513-2000) 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 basic vapors 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: | 4ppm-min at 30 cm/sec face velocity      |
| g. Color change:             | Yellow to green to 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:             | 14 months                                |

\* UNEF = Unified National Imperial Screw Thread

Cross interferences and limitations: Acid vapors in high concentrations impair the performance of the acid ESLI. 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 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 to green or blue.



Figure 1

Figure 2

Figure 3

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