

## Halogens Filter End-of-Service Life Indicator (ESLI) (PN: 2516-2000)

*Specification*



Filter is good



Replace filter



## Halogens ESLI Specifications

### 1. Application

The Halogens ESLI (PN: 2516-2000) 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 halogens 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: | 1ppm-hr at 30 cm/sec face velocity       |
| g. Color change:             | Yellow to red or 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: Hydrogen chloride & hydrochloric acid vapors at concentrations greater than 0.5 ppm impair the performance of the halogens ESLI. Halogens concentrations greater than 50 ppm for extended period of time bleaches the halogen 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 red or dark blue.

Activation Plug

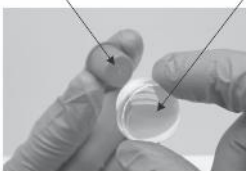


Figure 1

ESLI



Figure 2

ESLI Housing



Figure 3

Filter

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