## CHEMIEQ

Specification

# Basic Vapors Filter End-of-Service Life Indicator (ESLI)

(PN: 2513-2000)









Replace filter



#### 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

- a. Ensure that packaging pouch is intact.
- b. Open packaging pouch by tearing off the top part from one of side notches
- c. Remove ESLI from the packaging pouch.
- d. Remove activation plug (Figure 1).



### Caution: Only hand tighten ESLI into housing

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

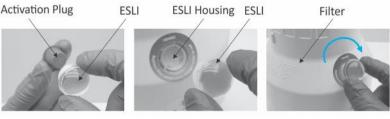


Figure 1 Figure 2 Figure 3