CHEMIEQ

Specification

Nitrogen Dioxide
Filter End-of-Service Life Indicator
(ESLI)
(PN: 2525-2000)





1. Application

The Nitrogen Dioxide ESLI (PN: 2525-2000) 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 nitrogen dioxide filters.

2. Specifications

a. Weight: 5g (0.18oz)

b. Dimensions: 21.6mm (0.85in),φ: 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: 0.5ppm-hr at 30 cm/sec face velocity

g. Color change: Off white to dark gray or black
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: Strong oxidizers. No other interferences or limitations 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 dark gray or black.

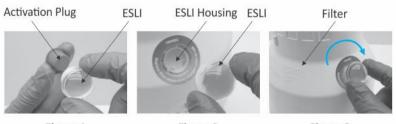


Figure 1 Figure 2 Figure 3