



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

Specification



Filter is good



Replace filter



Nitrogen Dioxide ESLI Specifications

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

- 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 dark gray or black.



Figure 1

Figure 2

Figure 3

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