CHEMTEQ

Specification

Hydrazine Filter End-of-Service Life Indicator (ESLI) (PN: 2517-2000)







Filter is good

Replace filter



1. Application

The Hydrazine ESLI (PN: 2517-2000) 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 hydrazine 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 65°C (-4°F to 149°F)
e. Operating humidity:	5% RH to 95%RH
Minimum detectable limit:	0.15ppm•hr at 30 cm/sec face velocity
f. Color change:	Green to brown to black
g. Storage temperature:	4°C to 25°C, (39°F to 77°F)
h. Shelf life:	2 years at 4°C to 25°C, (39°F to 77°F)
i. Service life:	2 years

* UNEF = Unified National Imperial Screw Thread

Cross interferences and limitations: Other hydrazines produce similar colors. No interference or limitation is 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).



- 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 brown or black.

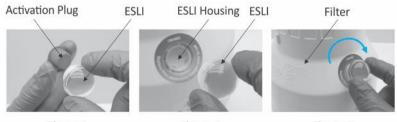


Figure 1



Figure 3

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