



Glutaraldehyde  
DG Filter with ESLI Inline  
(PN: 7429)



*SPECIFICATION*



## 1. Application

The Glutaraldehyde DG Filter (PN: 7429) is an inline filter with real-time end-of-service life indicator (ESLI) designed to absorb glutaraldehyde vapor. The ESLI changes color alerting user to replace the exhausted filter. Not suitable for liquid filtration.

## 2. Specifications

- |                                   |                                         |
|-----------------------------------|-----------------------------------------|
| a. Weight:                        | 45g (1.6oz)                             |
| b. Dimensions:                    | 89.9mm (3.5in), diameter 24.5mm (1.0in) |
| c. Inlet & outlet dimensions:     | ½" MNPT                                 |
| d. Operating temperature:         | -20°C to 55°C (-4°F to 131°F)           |
| e. Operating humidity:            | 5% RH to 80%RH                          |
| f. Sorption Media weight:         | 0.2-0.28oz (6-8g)                       |
| g. Sorption Media:                | Treated carbon                          |
| h. Sorption Media Size:           | 40x60 (US Mesh)                         |
| i. Allowed fluid:                 | Gases and Vapors                        |
| j. Target Substance:              | Glutaraldehyde                          |
| k. Ideal air flow:                | Static to 3-5 cc per minute             |
| l. ESLI minimum detectable limit: | 3 ppm-hr at 30 cm/sec face velocity     |
| m. ESLI color change:             | Orange brown or greenish blue (teal)    |
| n. Storage temperature:           | 4°C to 25°C, (39°F to 77°F)             |
| o. Shelf life:                    | 1 year at 4°C to 25°C, (39°F to 77°F)   |
| p. Service life:                  | 1 year                                  |

## 2 Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches.
- Remove the filter from the packaging pouch.
- Remove the protective red plugs to activate the filter.



- Ensure that air flow is in the same direction as the air flow arrows on the filter.
- Replace the filter when ESLI changes color to greenish blue (teal).



Filter is good



Replace filter

