

## RESOLVE® PTFE LAMINATE FILTERS FOR RADIOPARTICULATE AIR MONITORING



### Product Description

Eichrom's Resolve® PTFE laminate filter is designed to minimize the spectra interference from radon/thoron daughters in air monitoring alpha spectroscopy systems. The PTFE filtration membrane minimizes airborne particulate penetration into the body of the filter. This increases the alpha emission efficiency and spectral resolution of the measured alpha spectroscopy. Filter quality is assured through a series of radiochemical and physical performance tests. A laminated, stiff polymeric backing minimizes any particulate losses due to sampling handling.

### Benefits

- PTFE membrane minimizes the penetration of the alpha generating particulate into the filter media.
- Filter improves alpha detection and resolution by reducing alpha particle scattering.
- Filter is tested to maintain performance up to 9CFM across the 47mm diameter filter.
- Filter is resistant to most chemicals and solvents.



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