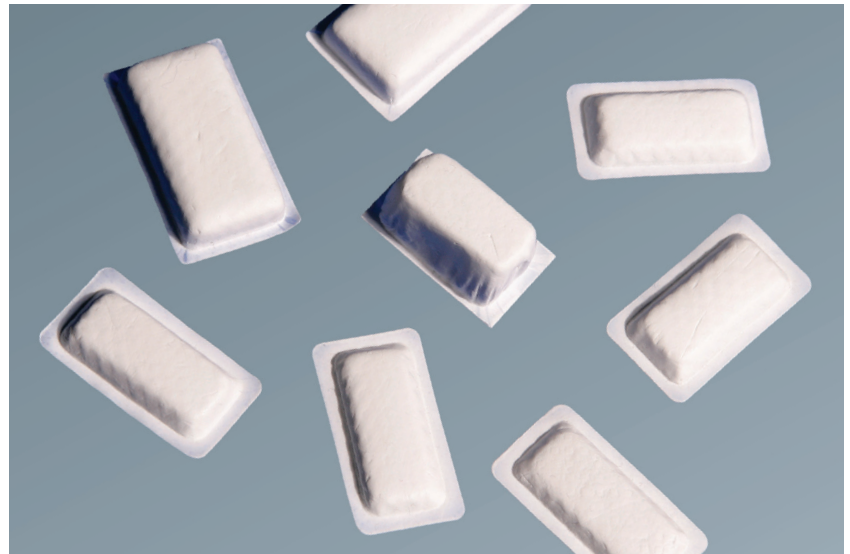


The Adsorbent Pouch Filter (APF) is typically placed inside a sealed enclosure and provides protection from hydrocarbons, acid and base gases, and the effects of water vapor, such as condensation, corrosion, and fungal growth.

## TYPICAL CONSTRUCTION

The APF is comprised of a porous membrane pouch containing a specially formulated adsorbent element. Typical APFs include:

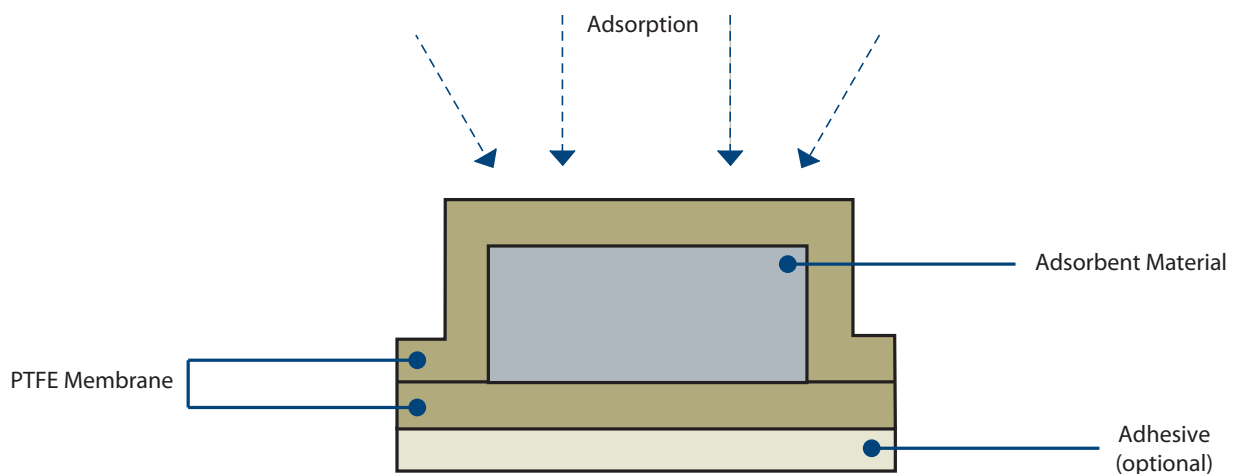
- **PTFE filtration membrane** - Encapsulates the adsorbent element while remaining permeable to gaseous contamination
- **Adsorbents**
  - Activated carbon adsorbent - Provides relative humidity control and adsorption of hydrocarbons
  - Chemically-treated activated carbon adsorbent - Provides relative humidity control and adsorption of acid gases and hydrocarbons
  - Silica gel and molecular sieve - Provides relative humidity control



## BENEFITS

The APF improves the reliability and extends the life of the device because it:

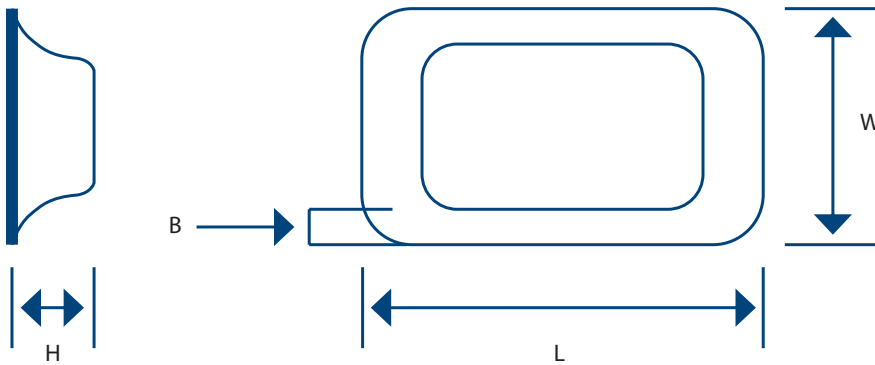
- Removes harmful gases and moisture vapor from ambient air
- Controls the humidity level inside the device



# ADSORBENT POUCH FILTER (APF)

## DESIGN CHARACTERISTICS

Dimension	Range	Tolerance
<b>L</b> Length	10 - 100 mm (0.40 - 3.94")	± 0.5 mm (0.02")
<b>W</b> Width	10 - 100 mm (0.40 - 3.94")	± 0.5 mm (0.02")
<b>H</b> Height	3.0 - 15 mm (0.12 - 0.59")	Maximum
<b>B</b> Border	1.0 - 3.0 mm (0.04 - 0.12")	



## PACKAGING

- Bulk packed in sealed metalized vapor barrier bag

Contact us to increase the reliability of your micro-electronics.



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Adsorbent Pouch Filter (05/10)  
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