

Adsorbent Pouch Filter

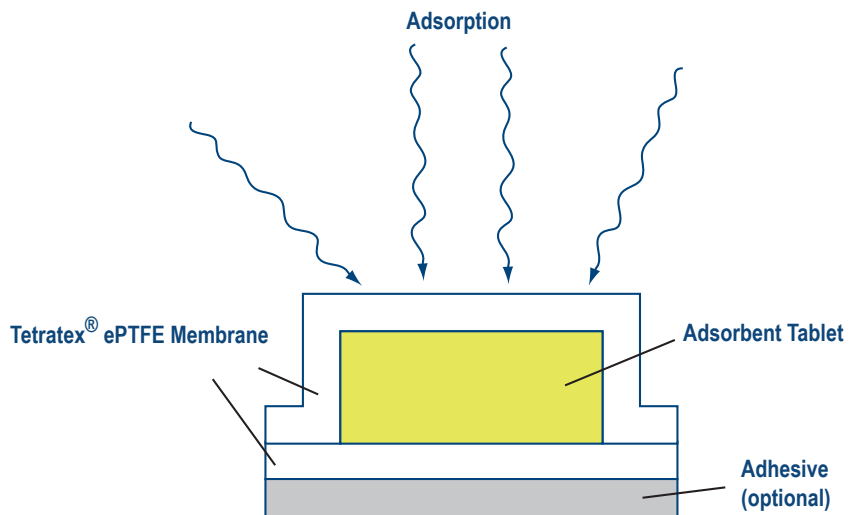
Product Information - Integrated Venting Solutions

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 vapour, 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:

- **Tetratex[®] ePTFE filtration membrane** - Encapsulates the adsorbent element whilst remaining permeable to gaseous contamination
- **Adsorbents** (available individually or in combination)
 - **Activated carbon adsorbent** - Provides relative humidity control and adsorption of hydrocarbons
 - **Chemically-treated activated carbon adsorbent** - Provides relative humidity control and adsorption of acid and base gases and hydrocarbons
 - **Silica gel and molecular sieve** - Provides relative humidity control



Benefits

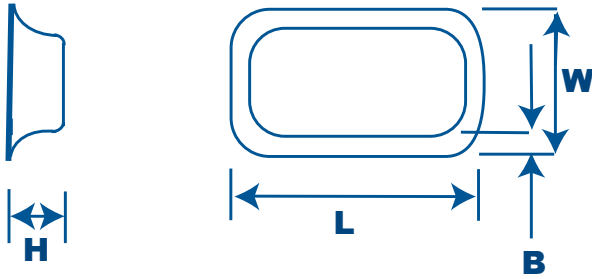
The APF improves the reliability and extends the life of the device because it:

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



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Design Characteristics



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

Packaging

- Bulk packed in sealed metalised vapour barrier bag

Contact us to increase the reliability of your device