

Adsorbent Label Filter

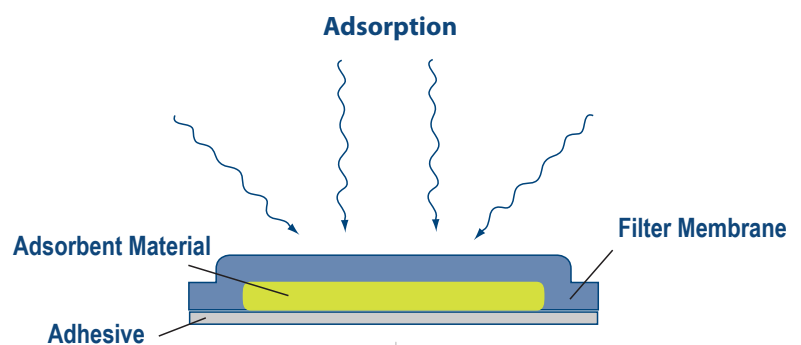
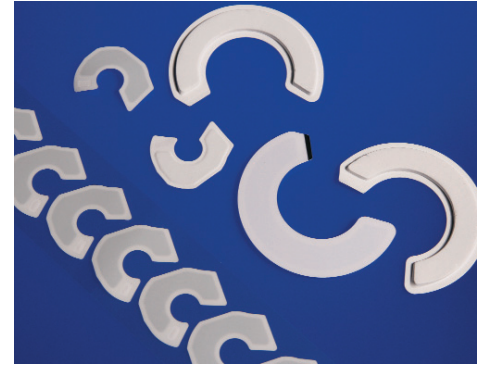
Product Information - Integrated Venting Solutions

The Adsorbent Label Filter (ALF) is typically placed inside a sealed enclosure and provides protection from hydrocarbons and acid and base gases without adversely affecting operation of the device.

Typical Construction

The low profile ALF is comprised of a filtration membrane, adsorbent element and a pressure-sensitive adhesive for securing the filter inside the device. Typical ABFs include:

- **Tetratex[®] ePTFE filtration membrane** - Encapsulates the adsorbent element while remaining permeable to gaseous contamination
- **Pressure-sensitive adhesive** - Secures the ALF to the device
- **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 and base gases and hydrocarbons



Benefits

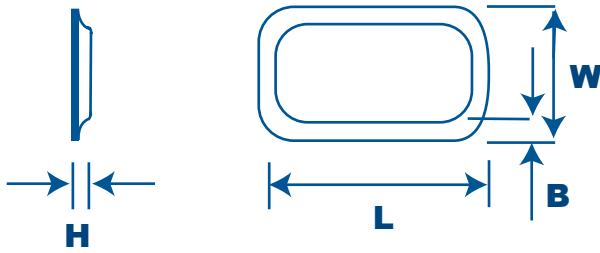
The low profile ALF improves the reliability and extends the life of the device because it:

- Removes harmful gases and moisture vapour from ambient air
- Controls the humidity level inside the device
- Easily integrates with a wide variety of product configurations



Adsorbent Label Filter

Design Characteristics



| Dimension | Range | Tolerance |
|-----------|-----------------------------|-------------------------|
| L Length | 8 - 100 mm (0.31 - 3.94") | ± 0.5mm (0.02") |
| W Width | 8 - 100 mm (0.31 - 3.94") | ± 0.5mm (0.02") |
| H Height | 0.75 - 2.5 mm (0.03 - 0.1") | Limited by space avail. |
| B Border | 1.0 - 5.0 mm (0.04 - 0.20") | |

Packaging

- Supplied on continuous release liner; 2000 - 5000 parts per roll of polyethylene cores
- Roll sealed in metalised vapour barrier bag

Contact us to increase the reliability of your device