



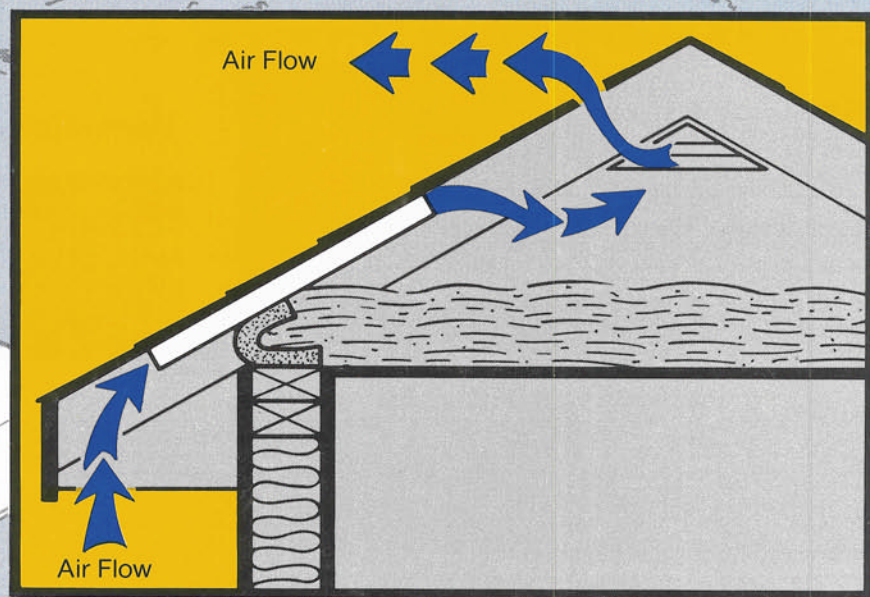
**AVILITE**

# **POLYVENT<sup>®</sup>**

**The fast, economical way to ventilate  
as you insulate...**

Polyvent allows you to maximize your insulation value, while preventing loose fill, blown, or batt insulation from blocking eave vents.

- Assures proper air movement in attic
- Keeps home warmer in winter, cooler in summer
- Helps reduce attic moisture
- Comes completely assembled ... no folding required
- Built-in flange for easy stapling
- Will not sag, delaminate, warp or twist
- Mildew, rot and moisture resistant
- For new or retrofit construction
- Available in two popular sizes—for use with rafters on 16" or 24" centers



**Avilite Corporation**

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**Polyvent** has been designed for builders, insulation applicators and homeowners as a foolproof way to allow unrestricted air flow between soffit and attic vents in conventional construction, and between the soffit vents and ridge vents in cathedral ceiling construction. The theory of insulating is to form an insulated "envelope" around the area to be heated or cooled. It is essential that air be in movement within this envelope to minimize the probability of moisture build-up. Moisture drastically reduces the efficiency of insulation systems.

# Polyvent Technical Data

## Application Instructions

**New Construction:** Install polyvent to the underside of the roof sheathing prior to installing blanket or blown insulation. Place vent between roof rafters and slide it down over the wall plate into the soffit area. Using 5/16" staples, staple along the flange. Then insulate, packing the blanket or the loose fill up against the Polyvent. For best results, use a Polyvent in each rafter space.

**Upgrading Existing Construction:** Gently pull the insulation back from the soffit area. Insert the Polyvent between the rafters and slide it past the insulation over the wall plate and into the soffit area. Affix using 5/16" staples and repack the insulation up to the Polyvent.

**Cathedral Ceilings:** Install Polyvent to the underside of the roof sheathing before finished ceiling is applied. The vent should be continuous from the soffit area to the ridge vent. Affix using 5/16" staples. Place proper insulation over the Polyvents and nail or otherwise affix to the rafters. Apply finished ceiling.



## Physical Properties

	Test Results	Test Method
Density—lb./cu. ft.	1.0	
Compression strength at 5% deformation, psi	14.0	ASTMD1621
Compression strength after 10% deformation, %	2.3	ASTMD1621
Water Resistance		
Water absorption, % by volume	2.0	ASTMC272
Moisture permeability, perm.-in.	1.2-2.2	ASTMC355
Capillarity	None	
Maximum temperature recommended °F	175°	

## Packaging

	11" Polyvent	22" Polyvent
Unit Packaging	100 pieces in a plastic bag	50 pieces in a plastic bag
Master Size	24" x 12½" x 48½"	24" x 12½" x 48½"
Weight per Master package	20 lbs.	20 lbs.

Distributed by:

**Caution:** Avilite Polyvent is combustible and may constitute a fire hazard if improperly used or installed. Keep away from open flame or excessive heat.