



# Thermoplastic Single Ply and Multi-Ply Roofing Systems

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## **FLEX INSULVENT with PVC COATED FLANGE** **PERFORMANCE SPECIFICATIONS**

### **DESCRIPTION**

Flex Insulvent is a low cost, all metal breather used for venting all types of insulation. Exclusive one-way valve design prevents moisture from re-entering the roofing system. The Flex Insulvent is spun from heavy gauge aluminum with an extra wide 4" base opening and securely attached cap. The base flange is coated with a PVC Coating for fast, simple and easy installation.

### **USES**

Flex Insulvent provides an economical user friendly means of venting all types of insulation. It can be installed with any Flex Roof System and is suitable for new construction or reroofing projects.

### **FEATURES**

- PVC coated flange allows hot air welded installation.
- All aluminum construction for strength and durability.
- Unique cap design shields against entry of wind-blown rain or snow.
- Optional foam insert prevents moisture from condensing on the inside of the standpipe
- One way valve design prevents moisture from re-entering the roofing system.

### **SPECIFICATIONS**

Overall Height .....	8 1/2"
Base Opening .....	4"
with insulation insert .....	3"
Flange Diameter .....	10 3/4"
Flange Material .....	.051" PVC coated aluminum
Recommended Spacing .....	1 per 1000 square feet

### **APPLICATION**

Cut a 4" diameter opening through the roof field membrane and insulation. If a vapor barrier is used do not damage it. Apply a heavy bead of an approved sealant to the bottom of the Insulvent flange and place Insulvent over the opening in the field membrane. Cut a 24"X24" target piece of Flex Flashing Membrane to fit around the vent stack. Hot air weld the flashing membrane to the Insulvent coated flange and to the field membrane. Apply Flex Seam Sealer to the edges.

### **LIMITATIONS**

The Flex Insulvent is designed to prevent moisture vapor from becoming trapped in the roofing system. They are recognized as good insurance against blistering of membrane, while helping to maintain thermal design efficiency. Wet or damaged insulation should be removed and replaced prior to the installation of the new Flex Roof Membrane.