

Capillary Tube “Field” Installation Instructions

The use of capillary tubes in insulating glass units (IGU's) has long been established as a means to accommodate for changes in elevation of an IGU from the point of the IGU manufacture to the point of installation. Such elevation changes create a pressure differential between the IGU internal space and the exterior environment that, unless alleviated, can cause glass deflection, excessive edge sealant stress and/or glass breakage. Capillary tubes act as a mechanism for relieving this pressure differential over a short period of time. Capillary tubes are to be closed at the final destination point of installation as open capillary tubes may reduce the longevity of the unit and will void the Insulated Glass Warranty.

Manko Window Systems Inc. recommends capillary tubes be sealed by applying a dollop of silicone sealant to the end of the tube. Seal when temperatures are moderate (50 - 70° F), with the unit in a vertical position. The tubes must never be removed or crimped. If units are shipped over an elevation change greater than 2,500 feet, the tube must not be sealed until being at the final destination for a minimum of 48 hours to allow for effective pressure equalization.

When present, the insulated glass unit must always be installed with the capillary tube at the top of the window opening with tube pointing down. **Never install with the capillary tube down at the bottom of the opening.**

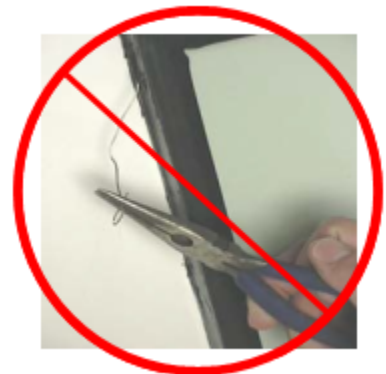
If the insulated glass unit is intended for a skylight or sloped glazed application, the tube must be sealed prior to installation by applying a dollop of silicone sealant to the end of the tube. Seal when temperatures are moderate (50 - 70° F), with the unit in a vertical position.



Do NOT Pull Out



Do NOT Cut



Do NOT Crimp



DO Seal End of Tube



DO Install Glass with Tube in Upper Corner & Pointing Down