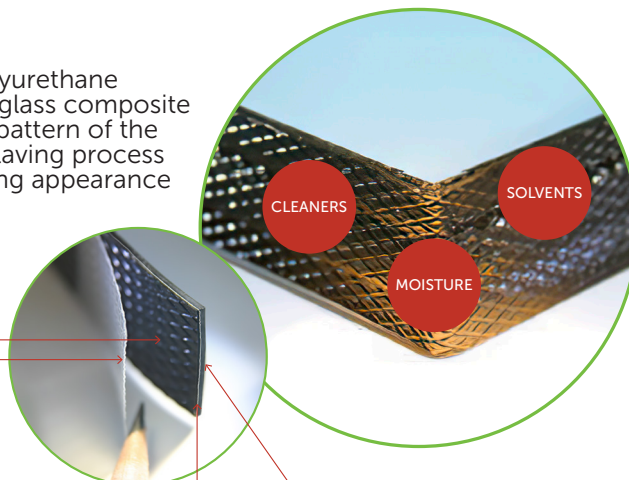




## Laminated Glass Applications for Argotec™ Edge Seal Film

A tinner layer of black polyurethane cushions the edge of the glass composite & accepts the embossed pattern of the carrier through the autoclaving process for an aesthetically pleasing appearance



The clear, diamond pattern embossed carrier may be removed following lamination to the composite edge

**The foil layer provides dramatically enhanced moisture & solvent resistance**

A thick adhesive layer of clear Thermoplastic Polyurethane (TPU) bonds **Argotec Edge Seal Film** to the glass laminate

Argotec™ Edge Seal films are designed for vacuum bag lamination to seal the edges of multilayer glazing laminate structures regardless of type of interlayer film used. SWM manufactures unique Thermoplastic Polyurethane (TPU) based edge seal films that are designed to provide the following benefits:

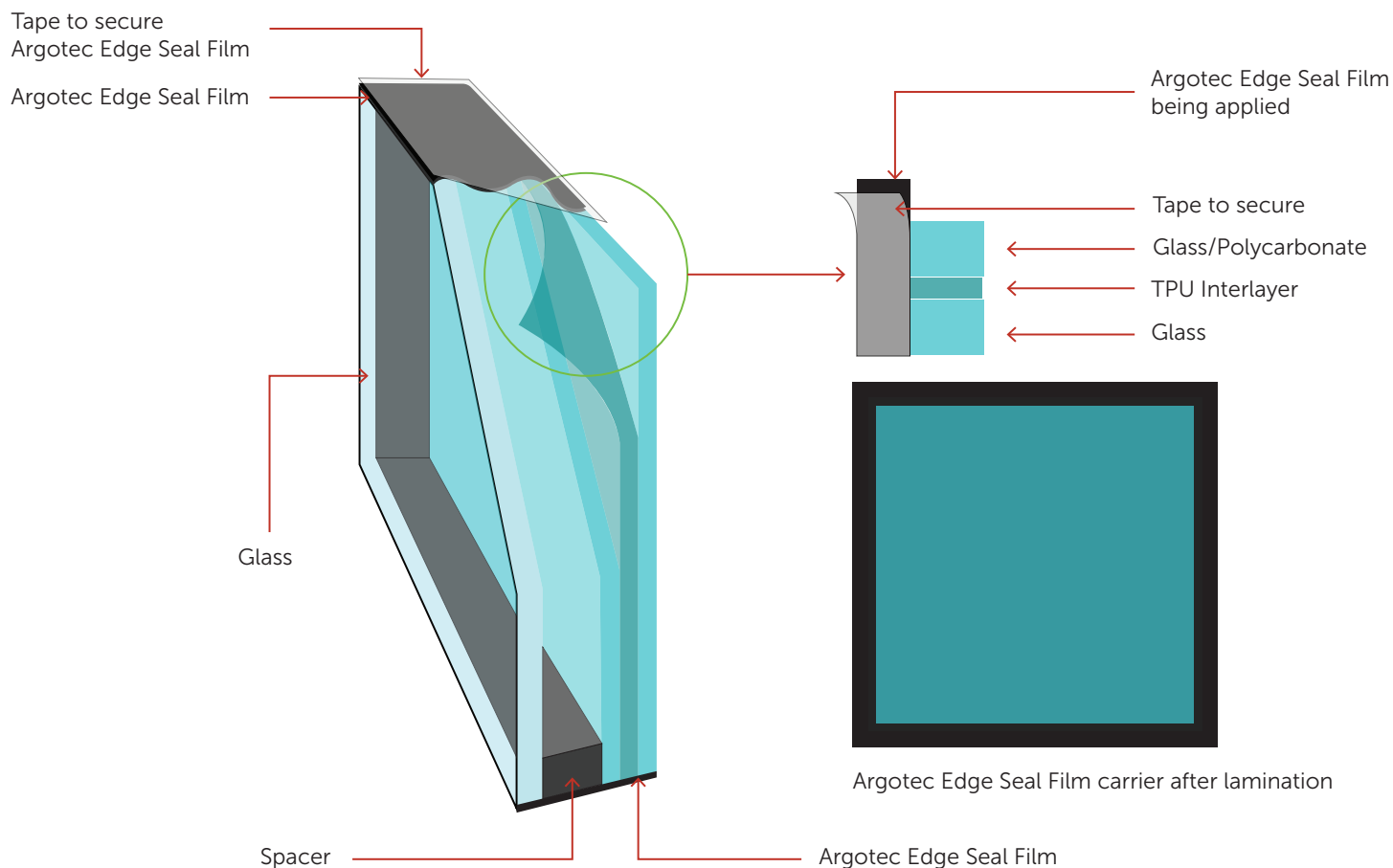
- Provides moisture & solvent resistance on the laminate edges
- Also available with a proprietary foil layer that further enhances moisture & solvent resistance
- Minimizes composite laminate layer damage from solvents contained in caulks, sealants & cleaning solutions
- Helps protect the edge of glass laminates from chipping & other minor damage
- Creates an aesthetically pleasing appearance on the laminate edge

**Argotec Edge Seal Film is designed for use in conjunction with vacuum bag autoclave laminations - Application Recommendations:**

- Wipe the laminate with isopropyl alcohol prior to applying Argotec Edge Seal Film to the laminate edge in order to remove any contaminants that could interfere with the bond
- Predetermine the length required wrap it around, the periphery of the laminate & secure it with tape
- Use a Polyethylene Terephthalate (PET) based tape with silicone Pressure Sensitive Adhesive (PSA) for ease of removal as it will not leave a residue on the glass
- Where the edges butt together, simply tape over the butt as it will flow together during the lamination cycle - NOTE: The butt joint should never be on a corner/tight radius
- The laminate with Argotec Edge Seal Film is then inserted into the vacuum bag & autoclaved - NOTE: Argotec Edge Seal Film requires a minimum lamination temperature of 195°F (90°C)
- Remove Argotec Edge Seal carrier after lamination

# Application Bulletin - Laminate Designs & Constructions

Laminated glass composites bonded together using optical interlayers can be constructed in a variety of flat and bent configurations as highlighted below:



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**Advanced  
Materials  
& Structures**

[ams@swmintl.com](mailto:ams@swmintl.com)  
[swmintl.com](http://swmintl.com)

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