

# Tips and Useful Information for Handling & Storage

Optium® provides extraordinary clarity, long-lasting anti-static and UV protection with abrasion resistant properties similar to anti-reflective glass, at a fraction of the weight.



## Handling Optium®

Optium®'s anti-static properties eliminate dust attraction common with other acrylics, minimizing cleaning. When cleaning is required, use the following handling instructions.

- Always wear clean, lint-free cotton gloves to minimize fingerprints and other particles.
- Use a clean, soft, lint-free or micro-fiber cloth when cleaning.
- Spray an ammonia-free cleaner onto the cloth and wipe. (Never spray cleaner directly onto the acrylic).
- Do not use an acrylic (i.e., Brilliance) cleaner on this product.
- Do not buff scratches in this product as it may damage the anti-reflective coating.
- Abrasion-resistant properties prevent mild scratching, but not deep scratches. Cuts by hard objects cannot be repaired.

## Using Optium®

- It is recommended to leave the protective masking on the sheet when cutting.
- Gauges up to 4.5mm can be cut using a multi-material cutter "scribe and break" method.
- Gauges 6.0mm and above can be fabricated with a power saw and saw blade specifically designed to cut acrylic. Contact us for blade recommendations.
- Optium Acrylic Glazing should NOT be cut with a laser. The extreme heat can cause crazing, which may lead to delamination of the coating.

## Storing Optium®

Optium's extraordinary abrasion-resistant properties allow for storing and reuse for traveling and temporary exhibits. Following are some tips for storage.

- Avoid storing in areas where condensation might occur.
- Use 2-ply rag board or pH neutral paper for interleaf during short-term storage.
- Stack sheets horizontally with the larger sheets at the bottom, or lean acrylic sheets at an angle of approximately 10 degrees to prevent bowing.
- Allow 24 hours for climatizing before exhibiting. Condensation will leave water spots on the anti-reflective coating.
- The masking should never be exposed to excessive sunlight or outdoor conditions for extended periods of time.
- Although Optium does not require a climate controlled environment for long-term storage, we recommend removing any protective film masking and use pH neutral paper to separate the parts.
- Optium is not effected by standard museum environments or normal warehouse temperatures, and can withstand extreme temperatures of minus 30° F (-34° C) to 160° F (71° C).
- If storing framed pieces, please note that Optium expands and contracts, so allow for size variation in frame systems.
- Avoid shipping framed pieces horizontally as expansion/contraction of the sheet may cause vibration or rubbing against the surface of the artwork.

**Optium®**  
Acrylic Glazing  
 **TRU VUE**  
[www.tru-vue.com](http://www.tru-vue.com)