

Handling and Storage of Cardinal's LoE™ Coated Glass Products

Proper handling and storage of Cardinal's LoE™ coated glass products will assure that the coated glass surfaces are not scratched or exposed to conditions which could cause anomalies in the coating. Listed below are recommendations on proper handling and storage of Cardinal's LoE™ coated glass products.

- Wear gloves when handling LoE™ coated glass. We prefer a soft cotton glove; however, other types may be effective. It is extremely important that they be as clean as possible to prevent surface contamination from dirt, perspiration, fingerprints or any type of oil.
- Handle cut sizes by the edges, keeping the thumbs away from the coated surface. This helps reduce the possibility of contaminants from gloves contacting the coated glass surface.
- Handle a single lite at a time if possible. If glass lites must be stacked, do not slide glass lites over each other as this may cause scratching of the LoE™ coating.
- For stock sheets, vacuum cups should be used only on the non-coated surface. The coated surface should always be up on the cutting table. All processing of the LoE™ coated glass should be with the coated surface away from the conveyer rollers.

- Cardinal recommends that LoE™ products be cut using an evaporating or water soluble cutting oil. Two companies who offer these oils are:

Glass Supplies
704-588-7524
glasssupplies.com
Part # ACE 5503/D, Evaporating Cutting Oil

Man-Gill Chemical Co
2300 St. Clair Ave
Cleveland, OH 44117
800-627-6422
Part # 62356, Magnudraw Vanishing oil

Annealed LoE™ glass in stock sheets or in boxed cut sizes can be stored safely for a period of up to 6 months and LoE™ temperable products can be stored safely for a period of 3 months in a dry, clean, warehouse storage area at room temperature. The storage area should be away from damp areas with high humidity, truck exhausts, acids, or other chemicals that may hasten LoE™ corrosion. If a portion of the glass in stock sheets or boxed cut sizes is used, the remaining glass lites should be tightly packed, i.e. stretch wrapped to protect the LoE™ coating from possible deterioration.

©Copyright 2008 Cardinal CG Company