

Glass Storage and Handling

Storage:

- Generally accepted storage procedures are acceptable for unopened packs/racks/cases of glass. In case of Low-e glass, the glass should be processed within six months from the date of coating manufacture. This shelf life may be reduced in locations in which extremely high heat and humidity conditions are present. The date of manufacture is marked on the label or will be available from the glass manufacturer.
- Glass should be stored away from fabrication processes that produce airborne contaminants.
- Glass should be removed from inventory on a FIFO basis.
- The glass should be at room temperature prior to opening to prevent condensation on the glass.
- The interleaving material must not be removed until the glass is required by the production operation.

Handling:

- The Low-e coating should not come in direct contact with hands, suction cups, cutting tables, cutting guides or any other part of production equipment, unless necessary to perform processing.
- All personnel handling any glass must wear clean gloves. These gloves should be of sufficient bulk to absorb perspiration from the hands of the glass handlers. An acceptable solution is to wear cotton gloves over rubber gloves. Specially coated gloves (Ansell Edmont "Metalist" #28-507, Ansell Edmont "Edge" 40-105 and Best "Answer Plus" P2735-09) are available. Perspiration, body oils, etc., can contaminate the glass and damage the coating on Low-e glass.
- Low-e glass should be conveyed at all times with coated side up and away from the conveying rollers.
- As much as possible, glass handlers should lift or carry the glass at the edge. If suction cups are used on the coated surface, they must be in excellent condition, free from glass particles and have no chemical breakdown of rubber material. Suction cup covers offer additional protection.

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Edgetech I.G., Inc.
800 Cochran Avenue
Cambridge, OH 43759
T 800-233-4383
F 740-439-0121
www.superspacer.com