

7 Suggested Quality Control at User's Site



7-1 Acceptance Test

Upon receiving our foil, users generally perform their own acceptance test. Depending on foil type, please make sure the acceptance test is conducted at the following designated time:

1. Formed Foil for Anode: Before Slitting
2. Etched Foil for Anode: Before Forming
3. Etched Foil for Cathode: Before Slitting

7-2 Handling Aluminum Foil (Do not handle foils with bare hands)

Never handle aluminum foil with your bare hands because the chloride in fingerprints and perspiration has a strong corrosive effect on aluminum. To prevent chloride contamination of aluminum foil during the manufacturing process of aluminum electrolytic capacitors, *remember to wear clean, sterile gloves* when handling the foil.

7-3 Storage at User's Site

When foils are stored at user's site, please remember the following points:

1. Store foil in sealed containers.
2. Keep storage area free of chloride contamination.
3. Maintain normal temperature (5 to 30°C) and low humidity (less than 85%) in the storage area.
4. Never put water on any type of foil. Water on foil can create a gas over a period of time, and because foil is stored in closed containers, the build-up of generated gas may cause an explosion.
5. Do not subject foil to mechanical stress because it can cause problems during the manufacturing process.

7-4 Shelf Life

Your foil is guaranteed for the first six months after KDK shipment. After six months, the foil should be tested before processing.