



Our CFD-TCO™ is used in avionics and cash registers.

CFD TCO™

Type: Display glass Transparent Conductive Coating

Application: Many types of displays require a conductive coating to carry electricity to activate the display. Some examples are Plasma Displays and LCD's. AFG standard product is 20 ohms/square, but special resistance values are available if the volume is sufficient. AFG also has high resolution etching technology to permit removal of the coating after masking to make the desired patterns for the display. The AFG etching technology is available for licensing and AFG can mask and etch the coating for some applications.

Specifications:

Transmission: Greater than 83%

Haze: Less than 1.0%

Electrical conductivity: 20 ohms/square standard. Special resistance levels available if volume is sufficient.

Color suppression: No

Temperable: Yes

Bendable: Yes

Durability: Coating is harder than the glass and is fired into the glass surface.

Bus bar silver frit adhesion: Good