

# TPC Transmissive Panel Covers

## Control Risk with Infrared Transmissive Panel Covers

To enable thermographers to identify loose connections and other anomalies in electrical assets, panel covers must be removed to allow a clear view of all connections.

Removing the panel covers on electrical equipment over 50V requires the use of PPE and carries the very real risk of dislodging breakers that could bring a facility offline, disrupting production and impacting maintenance budgets as well as plant profitability.

Many applications in your facility are not accessible to thermographers for direct measurement; or only available for survey while not under full load. In either case, critical faults will hide easily. For this reason, the NFPA 70B standard for Electrical Preventive Maintenance recommends direct thermographic measurement whenever possible.

Noninvasive thermography through the patented optic in the infrared TPC (Transmissive Panel Covers) from IRISS provides thermographers with the visibility they need without any added risk to personnel or plant. Inspections take a fraction of the time and are performed during peak loading for meaningful data collection.

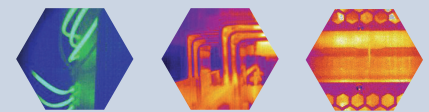
Ask your IRISS representative how these custom-size solutions can be the next invaluable tool in your Electrical Preventive Maintenance program.



## TPC Features

- Custom sized to fit your application
- Based on the same patented designs used in standard IRISS infrared windows
- Thermographers gain full access to view connections, without the risks associated with panel removal
- Elevated levels of PPE not required because conductors are kept enclosed and guarded and procedure is noninvasive - reduced PPE levels save time and money
- Data collection under peak load makes identification of faults more accurate and easier

### Before & After



For more information visit [www.iriss.com](http://www.iriss.com) or contact your local agent

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## Specifications

Materials	
Panel and reinforcing grill	Specified to suit customer requirements
Optic	UL 746C compliant, IR transmissive polymer; -40°C (-40°F) to 325°C (617°F)

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