Platinum Series VPT

The Next Generation of Infrared Windows

An evolutionary step in infrared (IR) windows, the **Platinum Series VPT** utilizes our exclusive Poly-View™ technology to allow the use of any thermography camera to monitor electrical equipment.

The world's only clear polymer window provides for visual inspections, traditional IR inspections utilizing cameras across the entire IR spectrum, and allows for UV inspections to be performed with a corona camera.

The **Platinum Series VPT** IR windows are industrial-grade with a patented reinforced grill that exceeds high voltage switchgear viewing pane standards.

Poly-View™

- **Visual**
- **Ultraviolet**
- **Shortwave IR**
- **Midwave IR**
- **Longwave IR**

Protected by Our Unconditional Lifetime Warranty

Platinum Series VPT Features:

- The world's only clear polymer industrial-grade IR window series
- Poly-View™ technology enables viewing in the visual, UV, and shortwave, midwave, and longwave IR spectrums
- Fixed And Stable Transmission (FAST)
- Clear pharmaceutical-grade optics
- Unconditionally guaranteed against transmission loss for accurate qualitative and quantitative analysis
- Durable, fully impact-resistant
- Available in 2", 3", and 4" sizes (actual viewing area)
- Easy-Grip™ stainless steel cover
- Fitting templates and instructions included

Certifications:

- Recognized by UL in the USA & Canada to the following standards:
  - UL 50V
  - UL 50E
  - UL 746C: Impact and Flammability
  - UL1558: Impact and Load Resistance
  - UL 508A; ANSI UL 508A
- IEEE C37 20.2.a.3.6: Impact and Load
- IP65 / NEMA 4
- Lloyds of London Type Approval
- American Bureau of Shipping (ABS)

Specifications

Materials	
Window Housing and Cover	UL 94 5VA Nylon (switchgear-grade plastic); -40°C (-40°F) to 273°C (523°F); Easy-Grip™ stainless steel cover
Optic	UL 746 compliant, visual and IR transmissive polymer; -40°C (-40°F) to 325°C (617°F)
Reinforcing Grill	Aluminum coated with UL 94 5VA Nylon; -40°C (-40°F) to 273°C (523°F)
Gaskets	UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)
Hardware	316 stainless steel

Other	
Useful Temperature Rating	-40°C (-40°F) to 200°C (392°F)
Water and Dust Ingress	IP65 / NEMA 4: closed and when in use

Dimensions

Model	Body Diameter	Window Diameter	Assembly Thickness
VPT-50	9.1 cm (3.6 in)	5.1 cm (2.0 in)	2.6 cm (1.0 in)
VPT-75	12.1 cm (4.8 in)	7.6 cm (3.0 in)	2.6 cm (1.0 in)
VPT-100	15.1 cm (5.95 in)	10.2 cm (4.0 in)	2.6 cm (1.0 in)

Local Contact Information

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