



Protective Windows are designed to shield lenses and enclosures from dirt, dust, liquids, impact and harsh environments without sacrificing image quality and are useful for imaging in the ultraviolet (UV), visible (VIS) and near-infrared (NIR) spectrums. MidOpt offers a variety of glass and acrylic Protective Windows depending on the application and environment. Glass Protective Windows offer superior durability, can withstand high operating temperatures and are a great solution for applications requiring exceptional surface quality. Acrylic Protective Windows are a cost-effective, lightweight solution for protecting the lens. MidOpt Protective Windows are offered with anti-reflection (AR) and oleophobic (anti-smudge) coating options.

- StabLEDGE
- Oleophobic
- Heat Resistant
- Scratch Resistant
- Anti-Reflection
- Cost Efficient

Fused Silica

- Ultra-low thermal expansion / shock resistant
- Withstands temperatures of up to 1100° C
- Superior transmission in the UV
- Available with a multi-layer anti-reflection coating

Part #	Description	Useful Range (nm)	Properties
LP170	Fused Silica Protective Window	200-2300	
LP171	Fused Silica Multi-Layer A/R Coated Protective Window	200-2300	

Borofloat®

- Resistant to high impact, chemicals and alkalis
- Withstands temperatures of up to 450° C
- Transmits wavelengths ranging from UV, VIS and NIR
- Coated with a durable multi-layer anti-reflection coating
- Available with an oleophobic (anti-smudge) coating

Part #	Description	Useful Range (nm)	Properties
LP285	Borofloat® Multi-Layer A/R Coated Protective Window	350-1100	
LP286	Borofloat® Oleophobic A/R Coated Protective Window	350-1100	

Sapphire

- Stronger than standard glass windows
- Durable surface to withstand harsh environments
- Resistant to high impact, chemicals and alkalis
- Transmits wavelengths ranging from UV, VIS and short-wave infrared (SWIR)

Part #	Description	Useful Range (nm)	Properties
LP190	Sapphire Protective Window	250-2300	

Precision Windows

- Made with precision polished N-BK7
- Low image distortion and stain-resistant
- Free of bubbles and inclusions
- Excellent transmission in the VIS and NIR
- Durable multi-layer anti-reflection coating

Part #	Description	Useful Range (nm)	Properties
LP345	Precision Multi-Layer A/R Coated Glass Protective Window	365-1100	

Industrial-Grade Glass

- Economical glass Protective window for industrial applications
- Coated with a durable multi-layer anti-reflection coating
- Available uncoated or with an oleophobic (anti-smudge) coating

Part #	Description	Useful Range (nm)	Properties
LP330	Industrial-Grade Glass Protective Window	350-1100	
LP340	Industrial-Grade Multi-Layer A/R Coated Glass Protective Window	350-800	
LP341	Industrial-Grade Oleophobic A/R Coated Glass Protective Window	365-1100	

Acrylic

- Resistant to abrasions, breakage and solvents
- Half the weight of glass Protective windows
- Durable, economical, and precision laser cut to achieve any size and shape
- Optical-grade and anti-reflection coated
- Available with an oleophobic (anti-smudge) coating

Part #	Description	Useful Range (nm)	Properties
AC370	Oleophobic A/R Acrylic Protective Window	380-850	
AC380	A/R Acrylic Protective Window	450-850	

