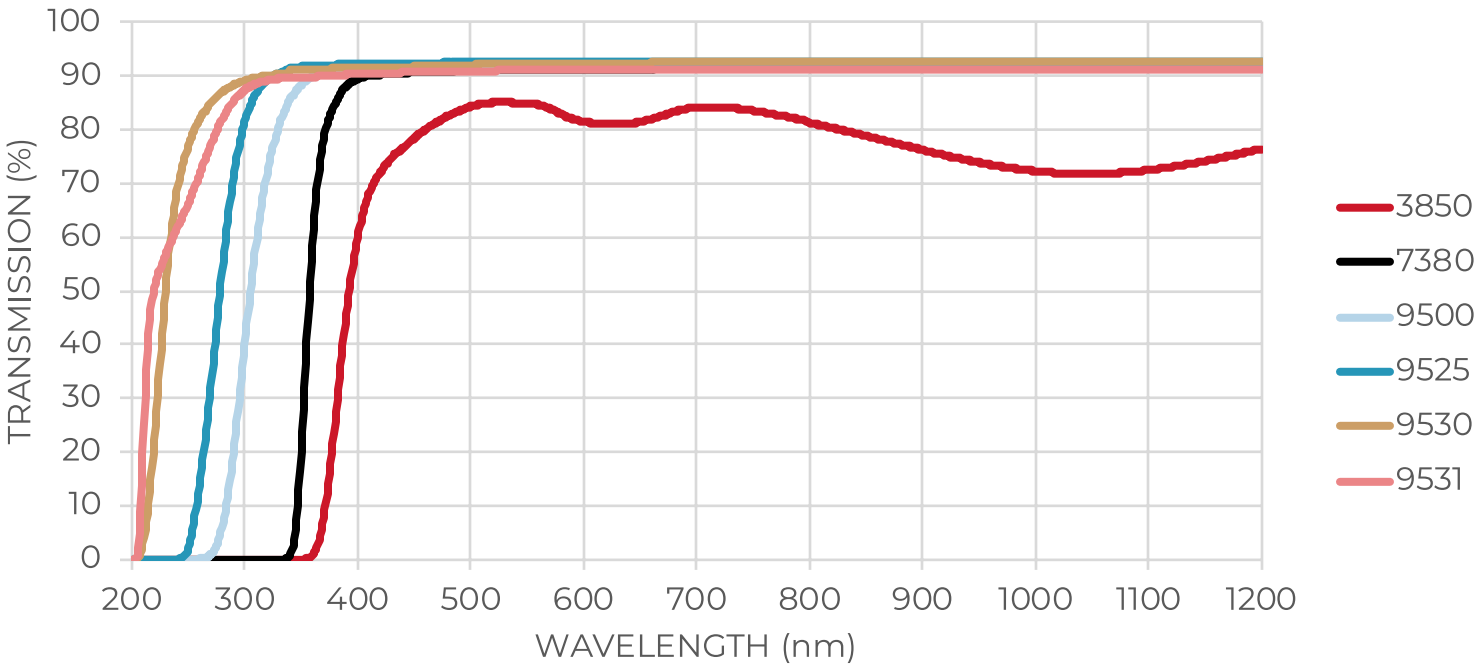
ULTRAVIOLET (UV) LONGPASS

filter glass data sheets



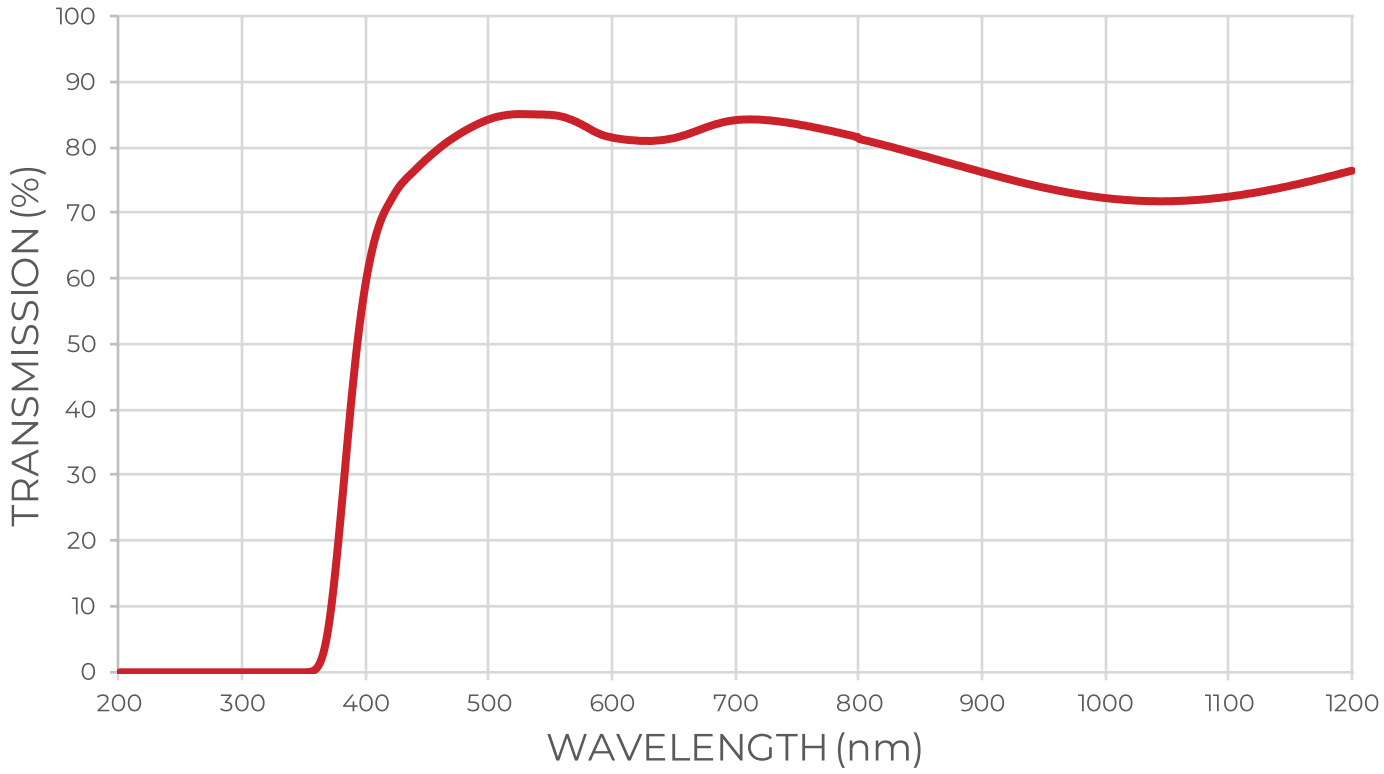
UV ABSORBING / VISIBLE TRANSMITTING GLASS COMPOSITIONS

Click glass product number to jump to data sheet.

3850
7380
9500
9525
9530
9531

PLEASE NOTE: The transmission curves in this catalog should be understood as typical curves for reference only. Data listed without tolerances are to be understood as reference values.

UV LONGPASS | 3850



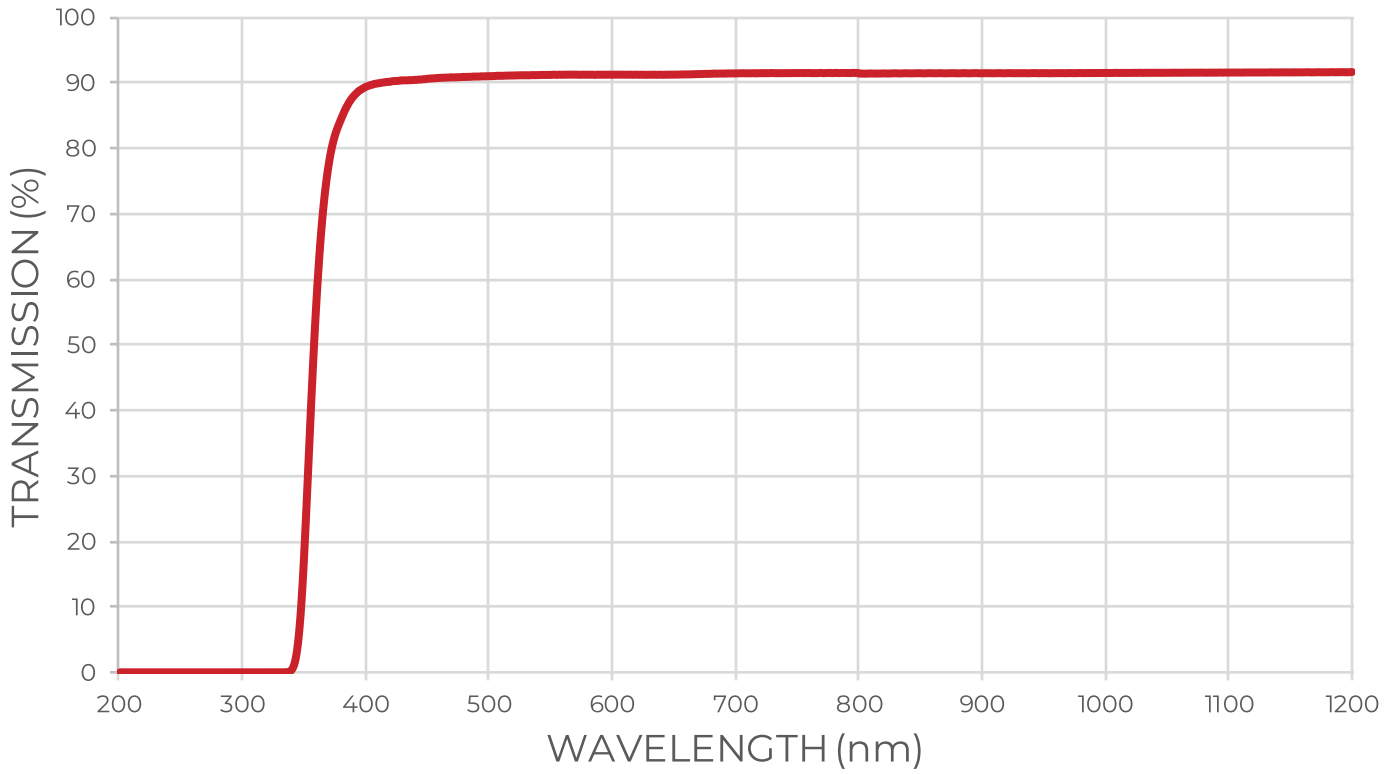
OPTICAL PROPERTIES

Wavelength (nm)	334	405
Transmission (%)	< 0.50	> 65

PHYSICAL PROPERTIES

Nominal Thickness Range	3.9 - 4.1 mm
Refractive Index	1.52
Density	2.53 g/cc
Thermal Expansion	108 $E^{-7}C^{-1}$ (30-300 °C)
Strain Temperature	477 °C
Annealing Temperature	513 °C
Deformation Temperature	669 °C

UV LONGPASS | 7380



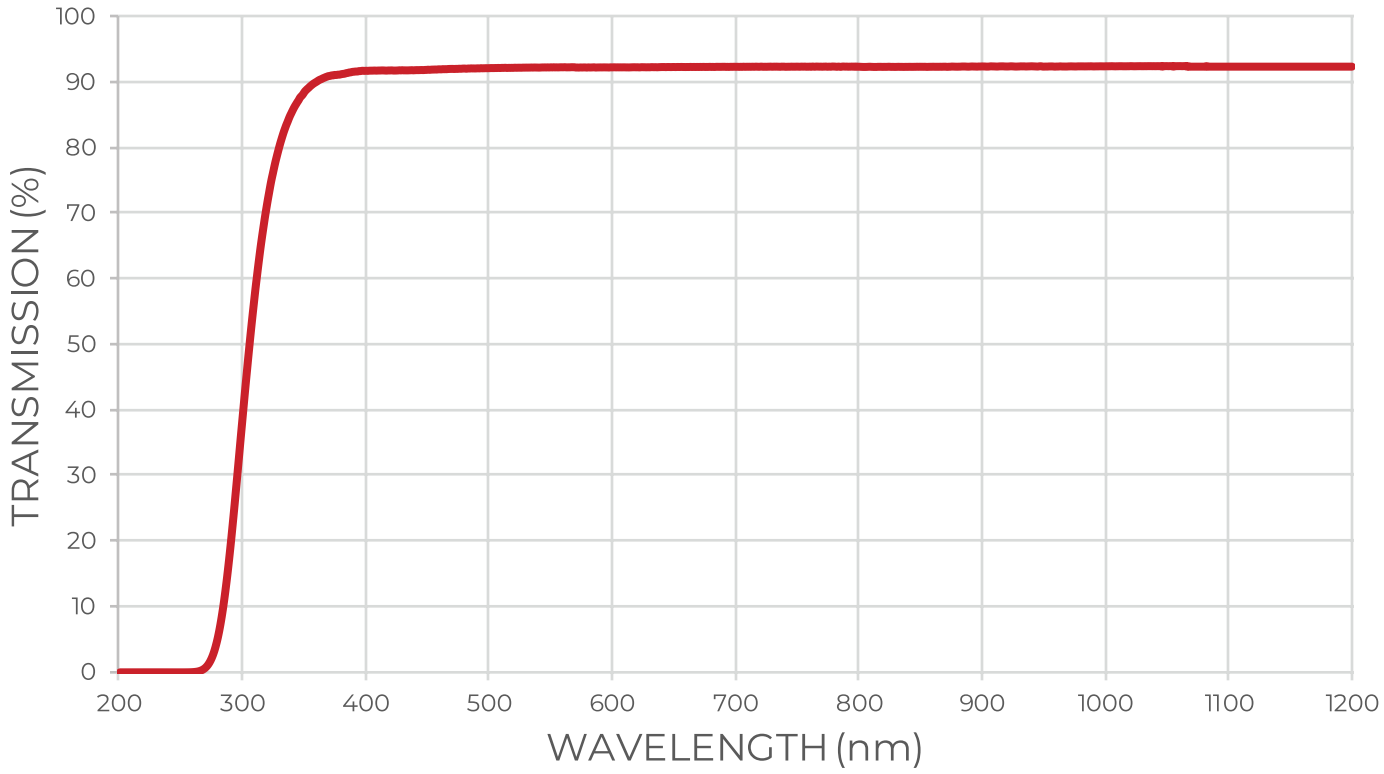
OPTICAL PROPERTIES

Wavelength (nm)	334	365
Transmission (%)	< 0.50	> 60

PHYSICAL PROPERTIES

Nominal Thickness Range	1.9-2.1 mm
Refractive Index	1.51
Density	2.47 g/cc
Thermal Expansion	85 $E^{-7}C^{-1}$ (30-300 °C)
Strain Temperature	486 °C
Annealing Temperature	526 °C
Deformation Temperature	704 °C

UV LONGPASS | 9500



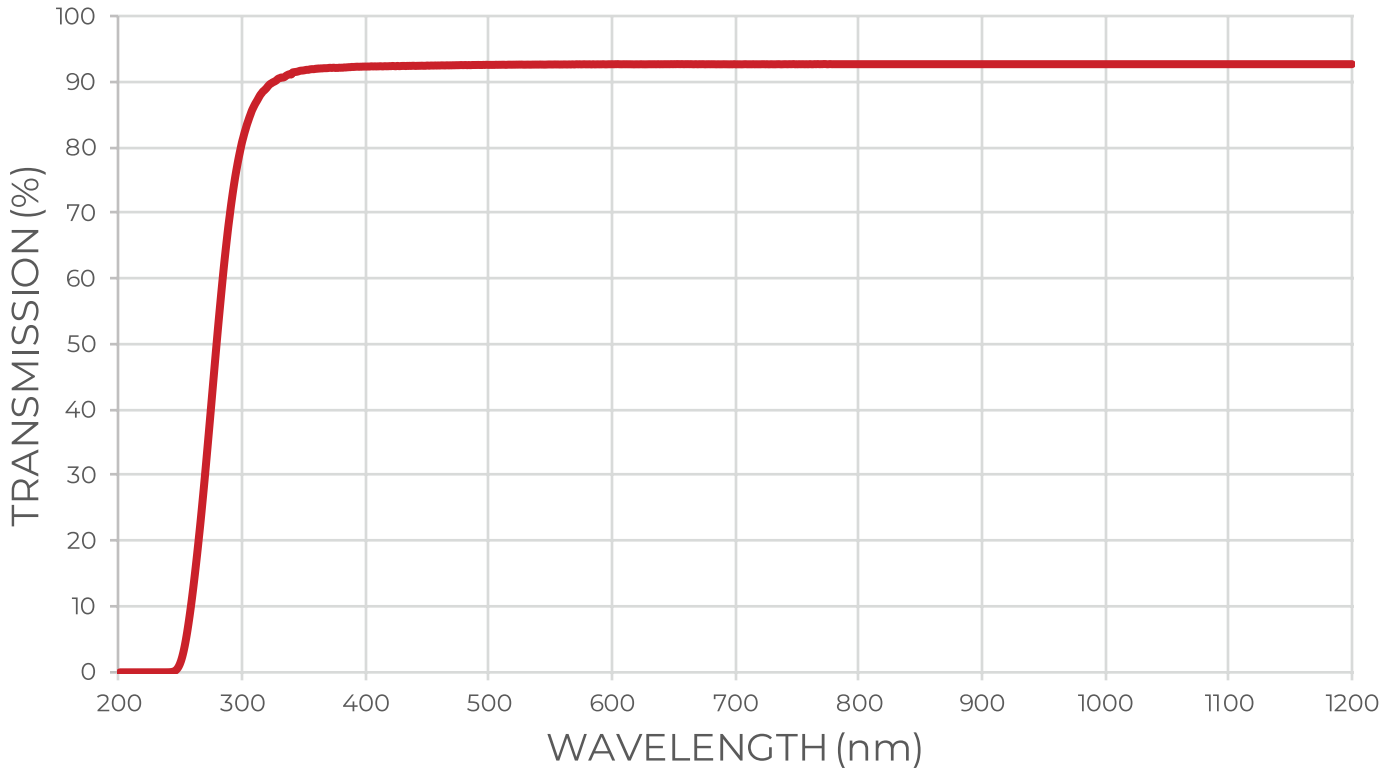
OPTICAL PROPERTIES

Wavelength (nm)	310	360
Transmission (%)	> 45	> 77.5

PHYSICAL PROPERTIES

Nominal Thickness Range	2.0 mm
Refractive Index	1.50
Density	2.37 g/cc
Thermal Expansion	47 $E^{-7}C^{-1}$ (30-300 °C)
Strain Temperature	530 °C
Annealing Temperature	556 °C
Deformation Temperature	620 °C

UV LONGPASS | 9525



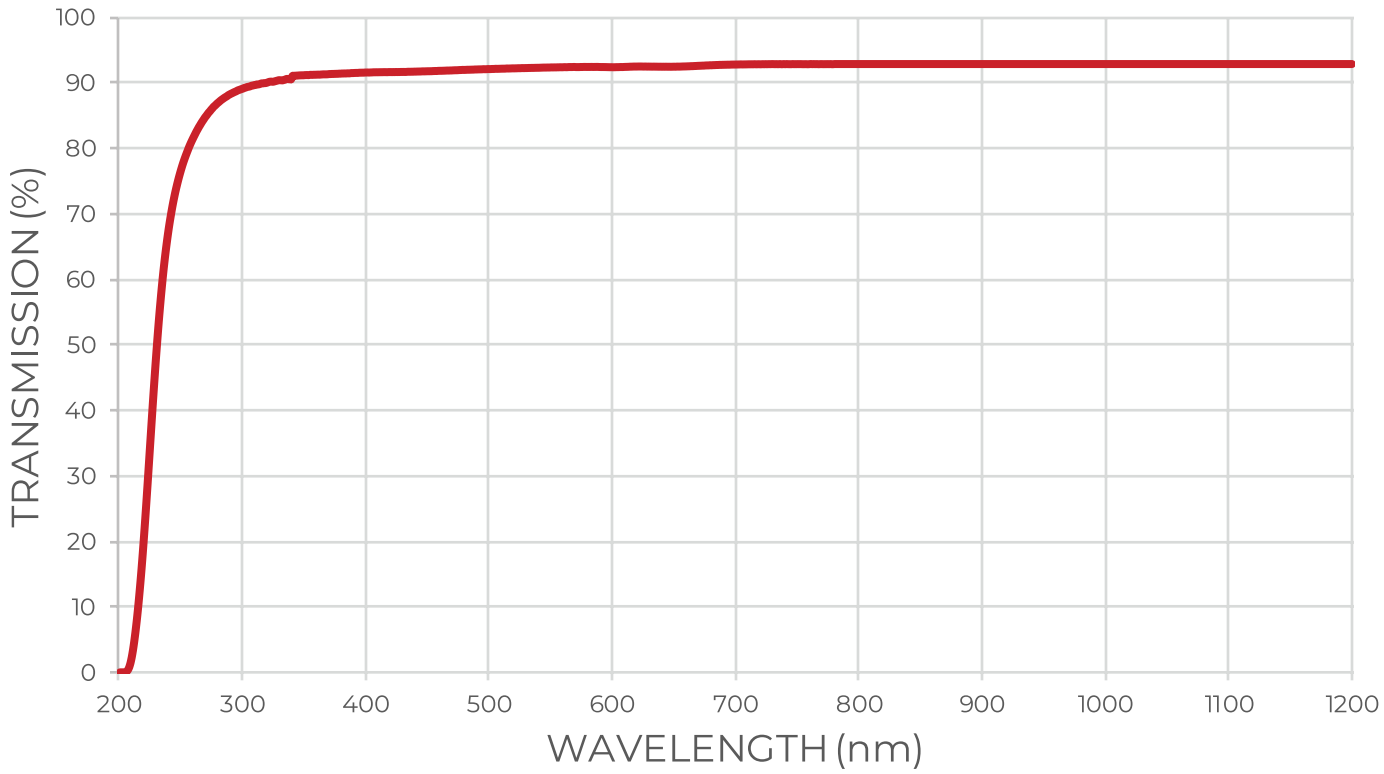
OPTICAL PROPERTIES

Wavelength (nm)	300	350	400
Transmission (%)	> 70	> 85	> 85

PHYSICAL PROPERTIES

Nominal Thickness Range	3.0 mm
Refractive Index	1.47
Density	2.25 g/cc
Thermal Expansion	30 $E^{-7}C^{-1}$ (30-300 °C)
Strain Temperature	510 °C
Annealing Temperature	569 °C
Deformation Temperature	605 °C

UV LONGPASS | 9530



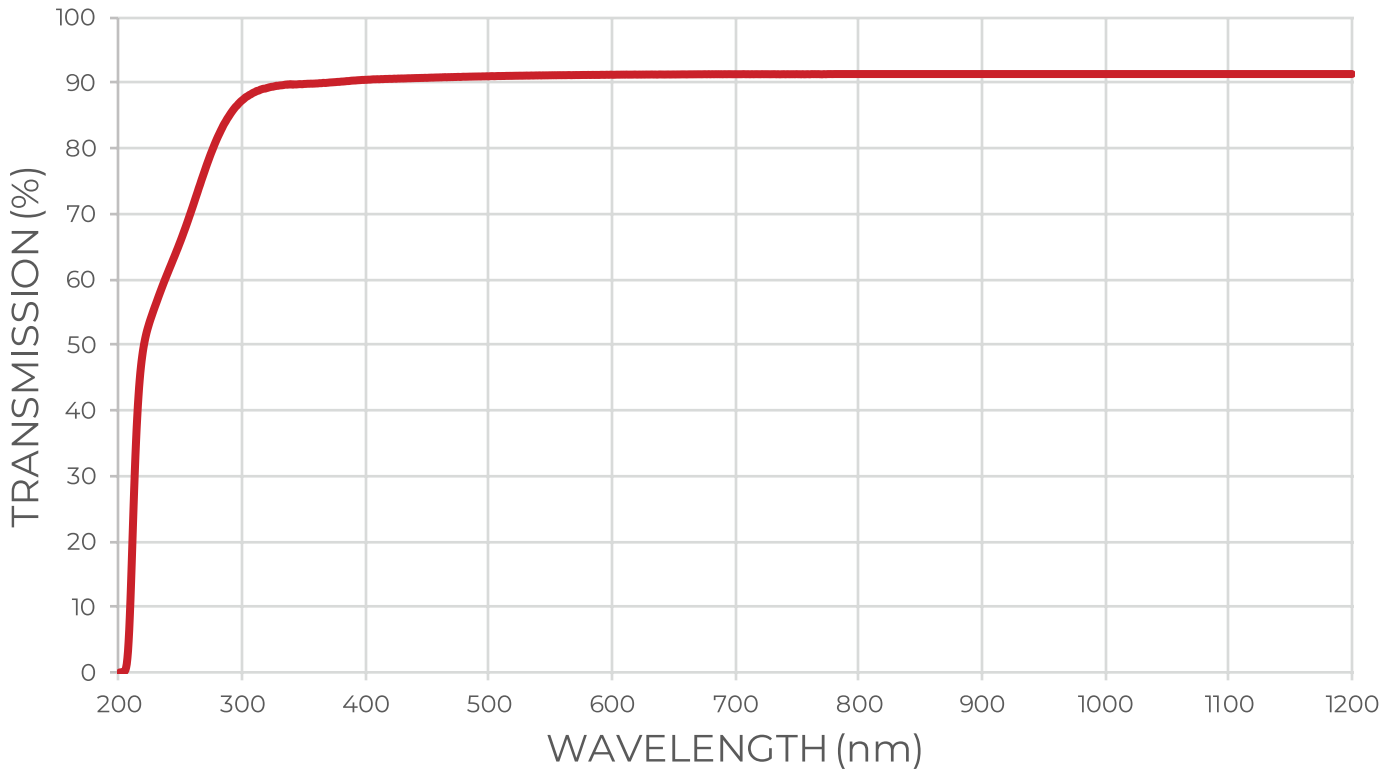
OPTICAL PROPERTIES

Wavelength (nm)	275	300	350
Transmission (%)	> 75	> 80	> 85

PHYSICAL PROPERTIES

Nominal Thickness Range	3.0 mm
Refractive Index	1.51
Density	2.46 g/cc
Thermal Expansion	84 $E^{-7}C^{-1}$ (30-300 °C)
Strain Temperature	401 °C
Annealing Temperature	572 °C
Deformation Temperature	602 °C

UV LONGPASS | 9531



OPTICAL PROPERTIES

Wavelength (nm)	300	350	400
Transmission (%)	> 80	> 85	>85

PHYSICAL PROPERTIES

Nominal Thickness Range	3.0 mm
Refractive Index	1.51
Density	2.48 g/cc
Thermal Expansion	81 $E^{-7}C^{-1}$ (30-300 °C)
Strain Temperature	403 °C
Annealing Temperature	572 °C
Deformation Temperature	601 °C

HIGH-PERFORMANCE CUSTOM GLASS

for mission-critical applications

MATERIAL SCIENCE EXPERTISE

Founded over 90 years ago, Kopp Glass began with a deep understanding of glass chemistry and how it can be used to innovate. Today, our portfolio includes more than 200 different glasses. Depending on your need, our engineers and scientists are also able to create new compositions to meet tough design challenges.

APPLICATIONS ENGINEERING EXPERTISE

We refine product designs alongside customers to help them reduce costs and increase yields. While our solutions are crafted to perform in some of the harshest environments on Earth, they're also designed to help the performance of our customers' bottom lines.

RESPONSIVENESS

Kopp Glass is a small manufacturer, but the design and production challenges we face every working day are huge. Our customers see the difference in how we respond to them and in how our team responds to each other.

ON-TIME IN-SPEC DELIVERY

Kopp Glass works to ensure the mission-critical, molded glass components we ship meet your standards—the first time.

WORK WITH US

www.koppglass.com

Year Founded	1926
Ownership	Closely Held
Location	Pittsburgh, PA USA
No. of Employees	110
Mfg. Sq. Ft.	127,000
Quality System	ISO: 9001:2015

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