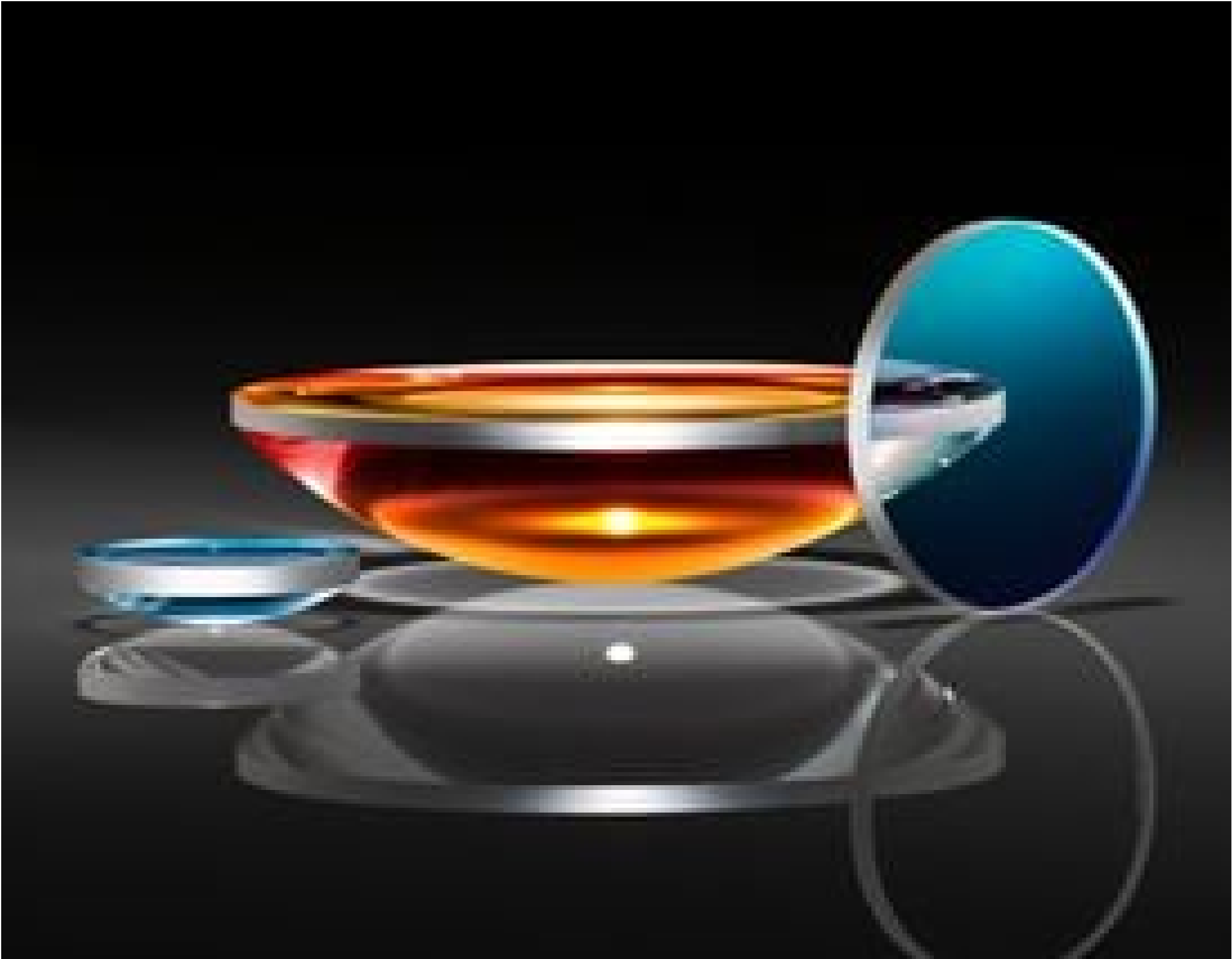


[Afficher tous les 75 produits de la même famille.](#)

TECHSPEC[®] 25mm deDia. x 200mm FL, non traité, Lentille PCX UV



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#48-280** 20+ In Stock

[D'autres traitements](#)

-

1

+

€137⁰⁰

AJOUTER AU PANIER

Prix sur Quantité	
Qté 1-5	€137,00 prix unitaire
Qté 6-25	€110,00 prix unitaire
Qté 26-49	€102,00 prix unitaire
Need More?	Demande de Devis

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Plano-ConvexLens

Type:

Propriétés physiques et mécaniques

25.00 +0.0/-0.025	Diamètre (mm):
<1	Centrage (arcmin):
2.88 ±0.10	Épaisseur Centrale CT (mm):
2.02	Épaisseur au Bord ET (mm):
24	Ouverture Utile CA (mm):
Protective as needed	Biseau:

Propriétés optiques

200.00 @ 587.6nm	Distance Focale EFL (mm):
198.02	Distance Focale Arrière BFL (mm):
Uncoated	Traitement:
Fused Silica (Corning 7980)	Substrat: ☐
40-20	Qualité de Surface:
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
±1	Tolérance Distance Focale (%):
91.68	Rayon R ₁ (mm):
8	f/#:
0.06	Ouverture Numérique NA:
200 - 2200	Gamme de Longueur d'Onde (nm):

Conformité réglementaire

Conforme	RoHS 2015:
Conforme	Reach 219:
Visionner	Certificate of Conformance:

Besoin de spécifications différentes ou de modifications ?

Edmund Optics propose des services complets de fabrication personnalisée de composants optiques et d'imagerie adaptés aux exigences de vos applications spécifiques. Qu'il s'agisse de la phase de prototypage ou de la préparation d'une production à grande échelle, nous proposons des solutions flexibles pour répondre à vos besoins. Nos ingénieurs expérimentés sont là pour vous aider, de la conception à la réalisation.

Nos capacités comprennent :

- Dimensions , matériaux, traitements, etc. personnalisés
- Qualité de surface et planéité de surface de haute précision
- Tolérances serrées et géométries complexes
- Production évolutive – du prototype à la série

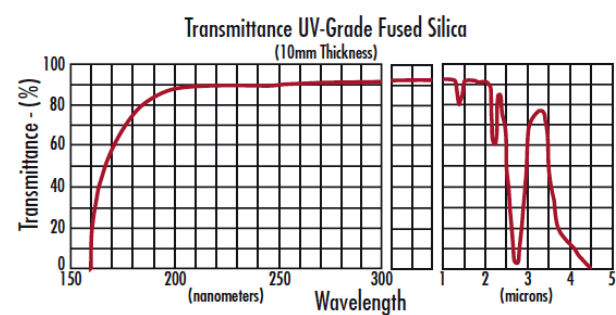
En savoir plus sur nos [capacités de fabrication sur mesure](#) ou soumettre une demande [ici](#).

Description produit

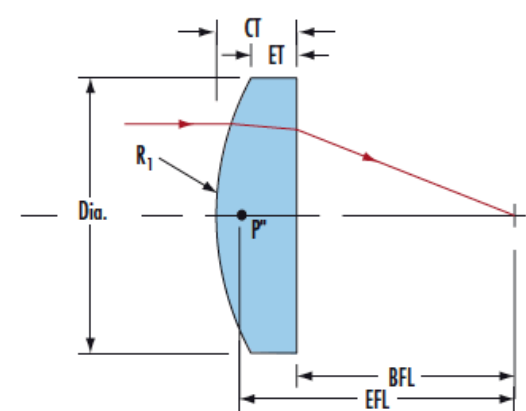
- Silice fondue indice UV
- Gamme de longueurs d'onde de 200 à 2,2 μm
- Différentes options de traitement disponibles : [MgF₂](#), [UV-AR](#), [UV-VIS](#), [VIS-EXT](#), [VIS-NIR](#), [VIS 0°](#), [YAG-BBAR](#), [NIR I](#) et [NIR II](#)

Les Lentilles Plan-Convexes (PCX) en Silice Fondue UV Non Traitées TECHSPEC® présentent des spécifications de précision et une variété d'options de traitement sur un substrat à large bande. La silice fondue est couramment utilisée dans des applications allant de l'ultraviolet (UV) au proche infrarouge (NIR). Son faible indice de réfraction, son faible coefficient de dilatation thermique et sa faible teneur en inclusions la rendent idéale pour les applications laser et les conditions environnementales difficiles. Les Lentilles Plan-Convexes (PCX) en Silice Fondue UV Non Traitées TECHSPEC® présentent des spécifications de centrage et de diamètre à la pointe de l'industrie, ce qui les rend idéales pour l'intégration dans des applications d'imagerie et de ciblage exigeantes.

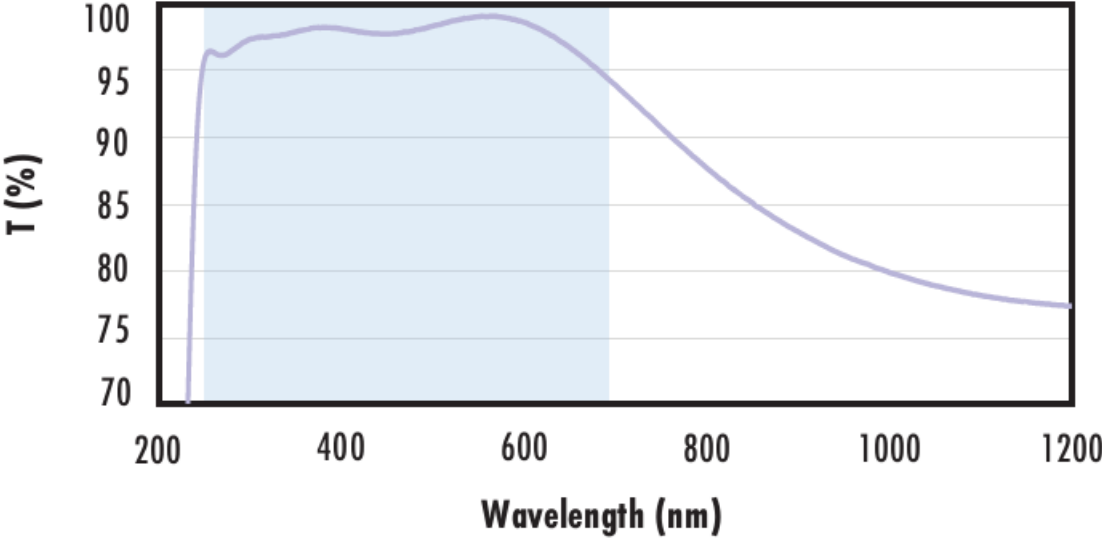
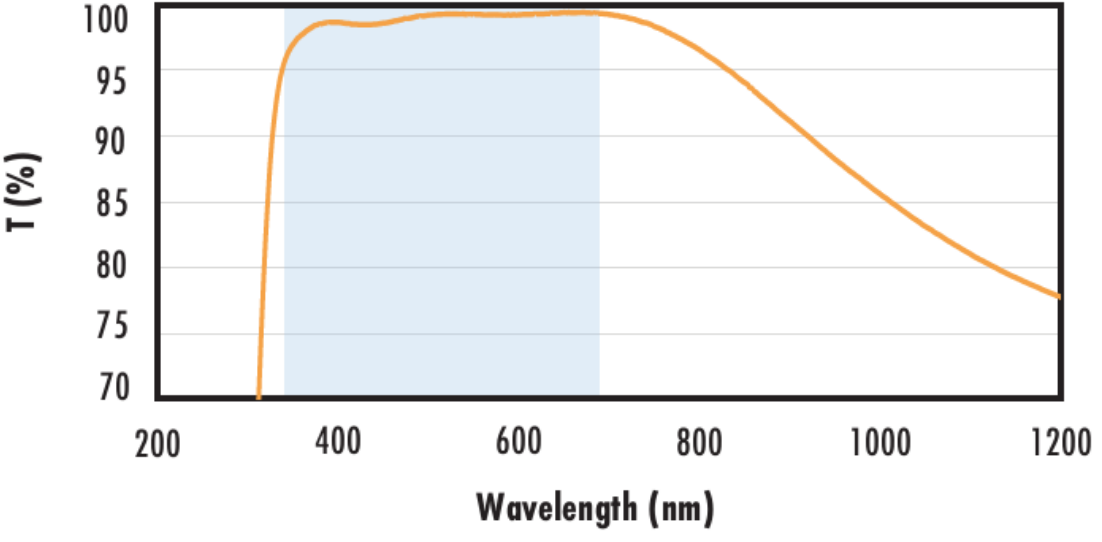
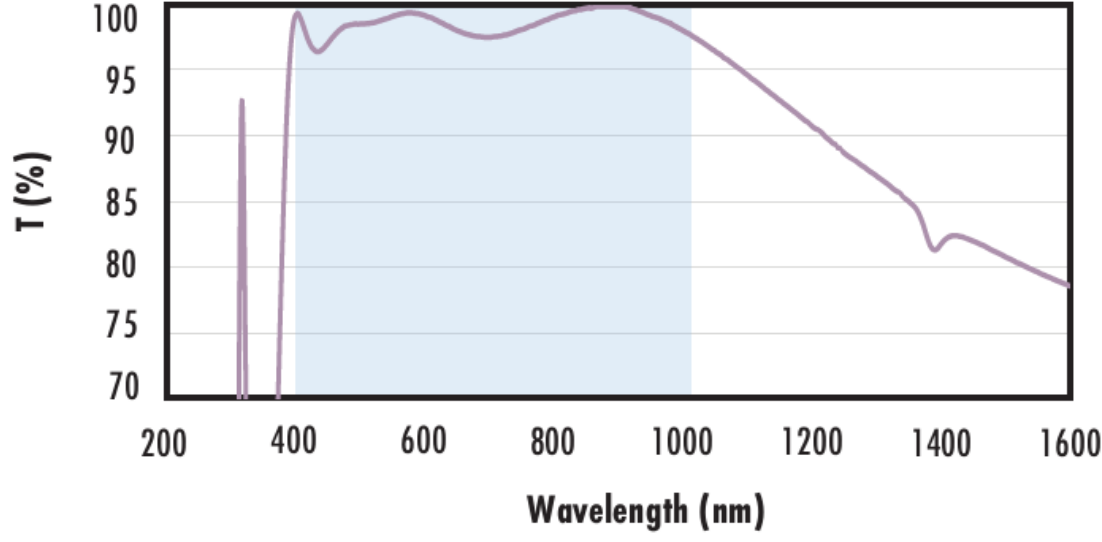
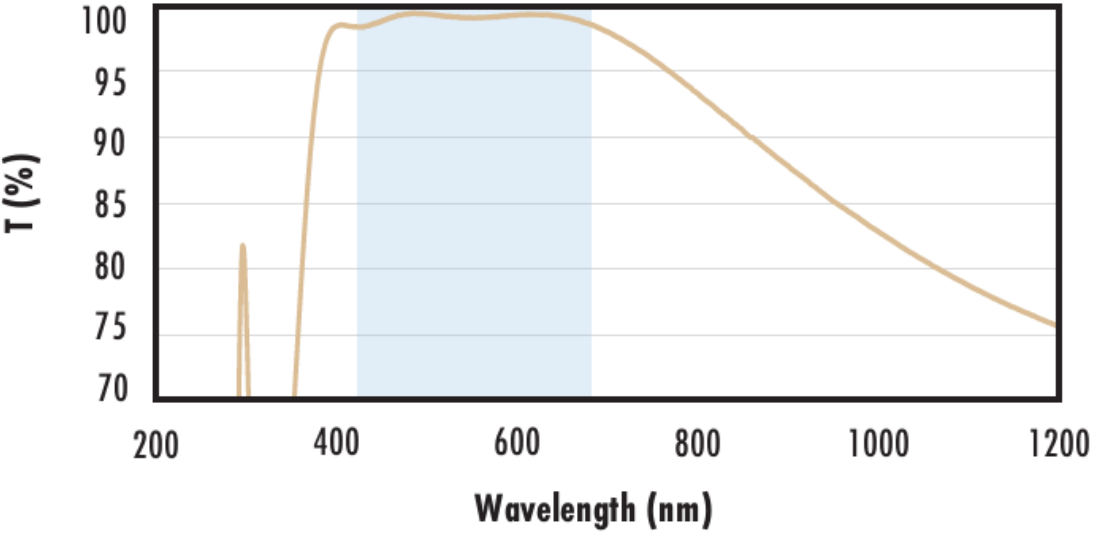
Informations techniques

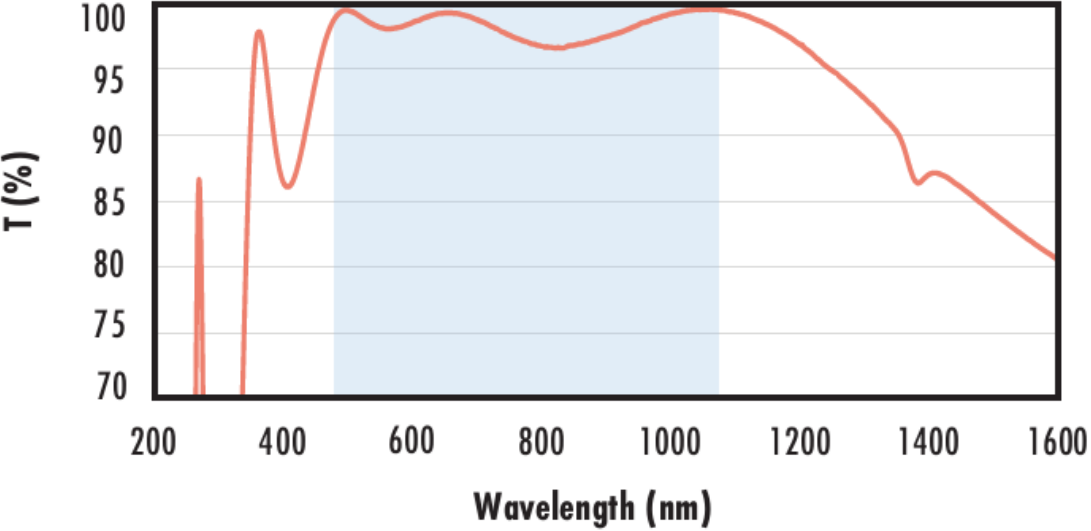
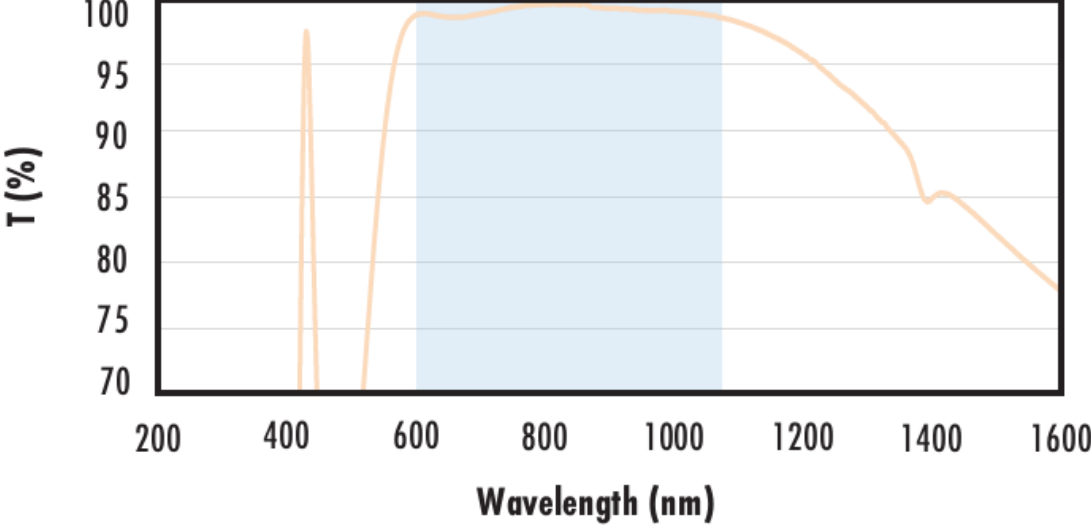
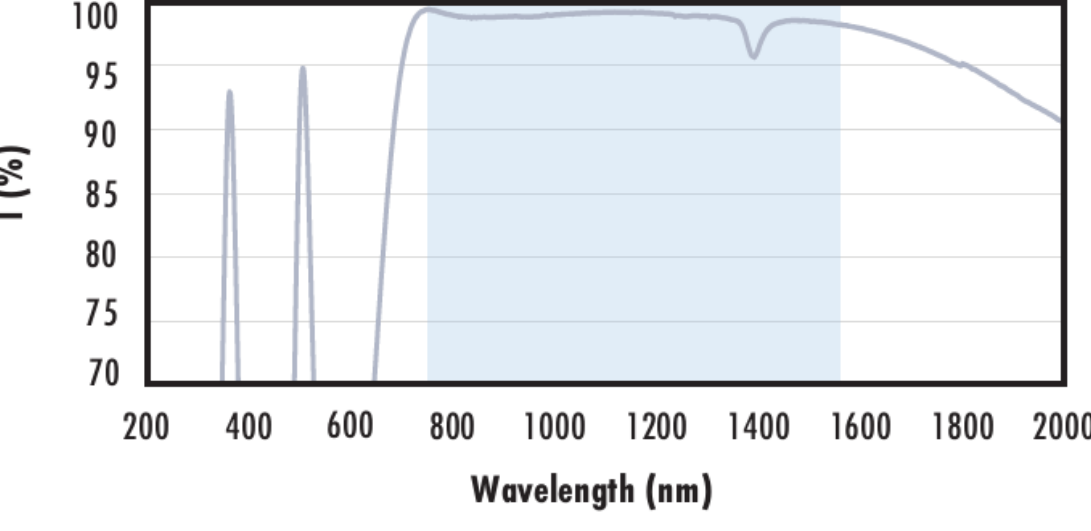


UV FS Transmission Curve



FUSED SILICA	
Uncoated Fused Silica Typical Transmission	Typical transmission of a 3mm thick, uncoated fused silica window across the UV - NIR spectra. Click Here to Download Data
Fused Silica with MgF₂ Coating Typical Transmission	Typical transmission of a 3mm thick fused silica window with MgF₂ (400-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 1.75\% @ 400 - 700\text{nm}$ (N-BK7) Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with UV-AR Coating Typical Transmission	Typical transmission of a 3mm thick fused silica window with UV-AR (250-425nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.0\% @ 250 - 425\text{nm}$ $R_{avg} \leq 0.75\% @ 250 - 425\text{nm}$ $R_{avg} \leq 0.5\% @ 370 - 420\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data

20040060080010001200 Wavelength (nm)	
Fused Silica with UV-VIS Coating Typical Transmission  20040060080010001200 Wavelength (nm)	Typical transmission of a 3mm thick fused silica window with UV-VIS (250-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.0\% \text{ @ } 350 - 450\text{nm}$ $R_{avg} \leq 1.5\% \text{ @ } 250 - 700\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with VIS-EXT Coating Typical Transmission  20040060080010001200 Wavelength (nm)	Typical transmission of a 3mm thick fused silica window with VIS-EXT (350-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\% \text{ @ } 350 - 700\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with VIS-NIR Coating Typical Transmission  2004006008001000120014001600 Wavelength (nm)	Typical transmission of a 3mm thick fused silica window with VIS-NIR (400-1000nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 0.25\% \text{ @ } 880\text{nm}$ $R_{avg} \leq 1.25\% \text{ @ } 400 - 870\text{nm}$ $R_{avg} \leq 1.25\% \text{ @ } 890 - 1000\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with VIS 0° Coating Typical Transmission  20040060080010001200 Wavelength (nm)	Typical transmission of a 3mm thick fused silica window with VIS 0° (425-675nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.4\% \text{ @ } 425 - 675\text{nm}$ Data outside this range is not guaranteed and is for reference only. Click Here to Download Data

Fused Silica with YAG-BBAR Coating Typical Transmission  The graph shows the typical transmission of a 3mm thick fused silica window with a YAG-BBAR coating. The y-axis represents transmission T in percent, ranging from 70 to 100. The x-axis represents wavelength in nanometers, ranging from 200 to 1600. The transmission curve starts at approximately 87% at 250 nm, drops to a minimum of about 69% at 280 nm, then rises to a peak of about 99% at 350 nm. It then fluctuates between 86% and 100% until 1100 nm, where it begins to decline, reaching about 80% at 1600 nm. A blue shaded region highlights the design wavelength range from 500 nm to 1100 nm.	Typical transmission of a 3mm thick fused silica window with YAG-BBAR (500-1100nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 0.25\%$ @ 532nm $R_{abs} \leq 0.25\%$ @ 1064nm $R_{avg} \leq 1.0\%$ @ 500 - 1100nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with NIR I Coating Typical Transmission  The graph shows the typical transmission of a 3mm thick fused silica window with an NIR I coating. The y-axis represents transmission T in percent, ranging from 70 to 100. The x-axis represents wavelength in nanometers, ranging from 200 to 1600. The transmission curve shows a sharp dip to about 69% at 450 nm, then rises to a plateau of nearly 100% from 600 nm to 1050 nm. Beyond 1050 nm, the transmission gradually decreases to about 77% at 1600 nm. A blue shaded region highlights the design wavelength range from 600 nm to 1050 nm.	Typical transmission of a 3mm thick fused silica window with NIR I (600 - 1050nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\%$ @ 600 - 1050nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with NIR II Coating Typical Transmission  The graph shows the typical transmission of a 3mm thick fused silica window with an NIR II coating. The y-axis represents transmission T in percent, ranging from 70 to 100. The x-axis represents wavelength in nanometers, ranging from 200 to 2000. The transmission curve shows two sharp dips at approximately 350 nm and 500 nm, then rises to a plateau of nearly 100% from 750 nm to 1550 nm. There is a small dip at 1400 nm. Beyond 1550 nm, the transmission decreases to about 91% at 2000 nm. A blue shaded region highlights the design wavelength range from 750 nm to 1550 nm.	Typical transmission of a 3mm thick fused silica window with NIR II (750 - 1550nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 1.5\%$ @ 750 - 800nm $R_{abs} \leq 1.0\%$ @ 800 - 1550nm $R_{avg} \leq 0.7\%$ @ 750 - 1550nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data

Montures compatibles