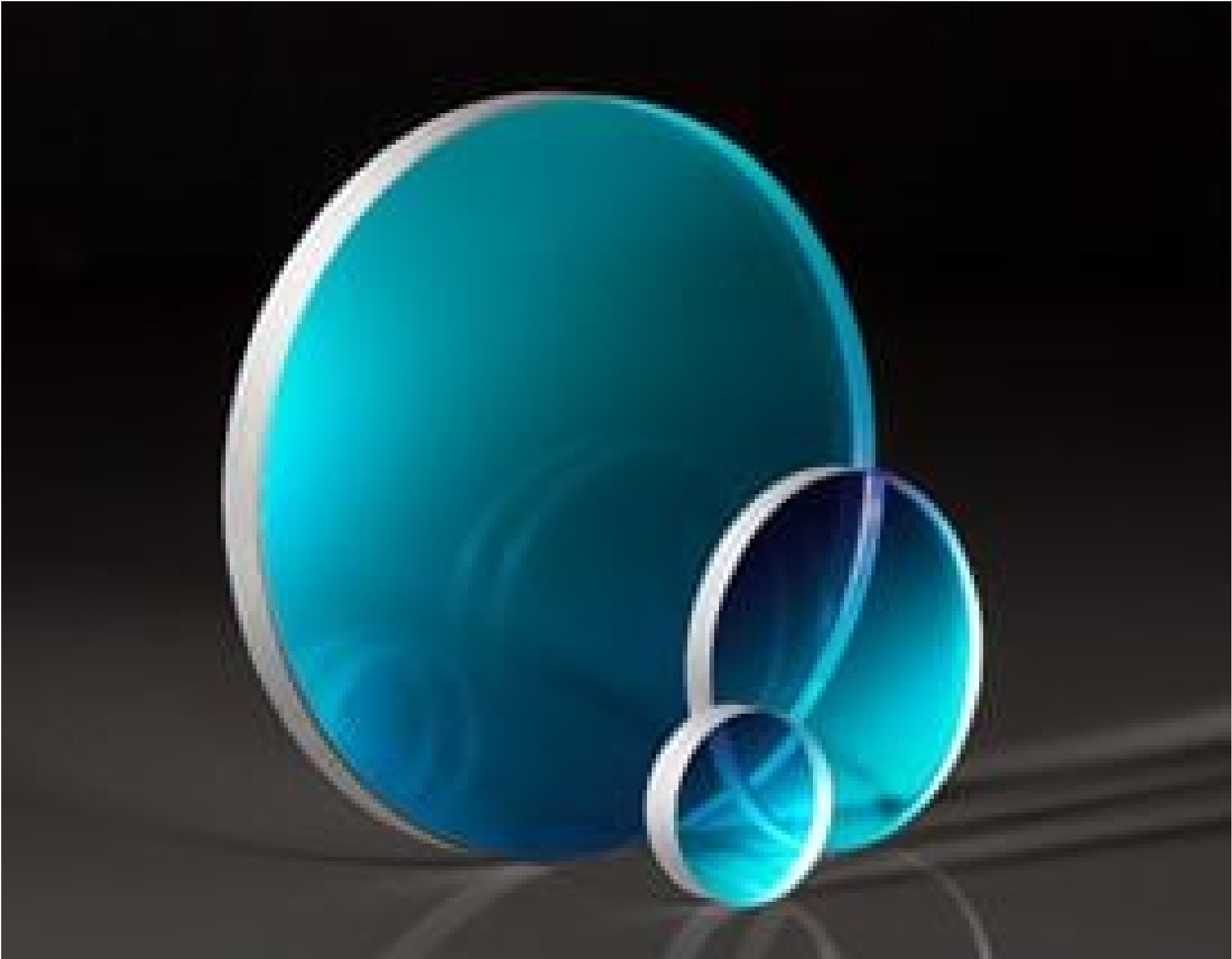


[Afficher tous les 25 produits de la même famille.](#)

TECHSPEC[®] 12.5mm Dia., NIR I Coated, 30' Wedge, Fused Silica Wedged Window



TECHSPEC[®] Fused Silica Wedged Windows

Stock **#25-618** 4 In Stock

-

1

+

€161⁰⁰

AJOUTER AU PANIER

Prix sur Quantité	
Qté 1-5	€161,00 prix unitaire
Qté 6-25	€129,00 prix unitaire
Qté 26-49	€121,00 prix unitaire
Need More?	Demande de Devis

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Type:

Wedged Window

Propriétés physiques et mécaniques

Ouverture Utile CA (mm):

11.25

Diamètre (mm):

12.50 +0.0/-0.10	
3.00 ±0.20	Épaisseur (mm):
Fine Ground	Bords:
73	Module d'Élasticité de Young (GPa):
30' ±10'	Angle de Bord (arcmin):

Propriétés optiques

NIR I (600-1050nm)	Traitement:
Ravg ≤0.5% @ 600 - 1050nm	Spécification du Traitement:
1.458	Indice de Réfraction (n _d):
Fused Silica (Corning 7980)	Substrat: ☐
λ/10	Planéité de Surface (P-V):
20-10	Qualité de Surface:
600 - 1050	Gamme de Longueur d'Onde (nm):
7 J/cm2 @ 1064nm, 10ns	Damage Threshold, Reference: ☐

Propriétés des matériaux

0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)	Coefficient d'Expansion Thermique CTE (10 ⁻⁶ /°C):
---	---

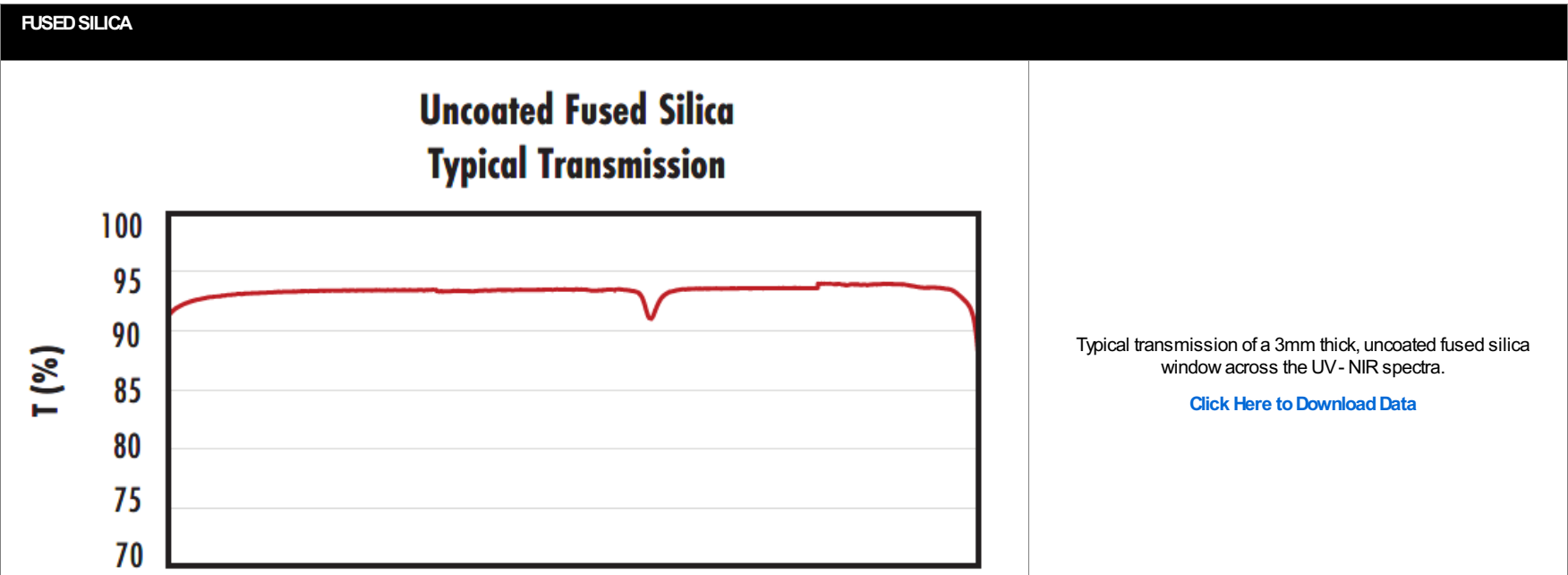
Conformité réglementaire

Conforme	RoHS 2015:
Visionner	Certificate of Conformance:
Conforme	Reach 235:

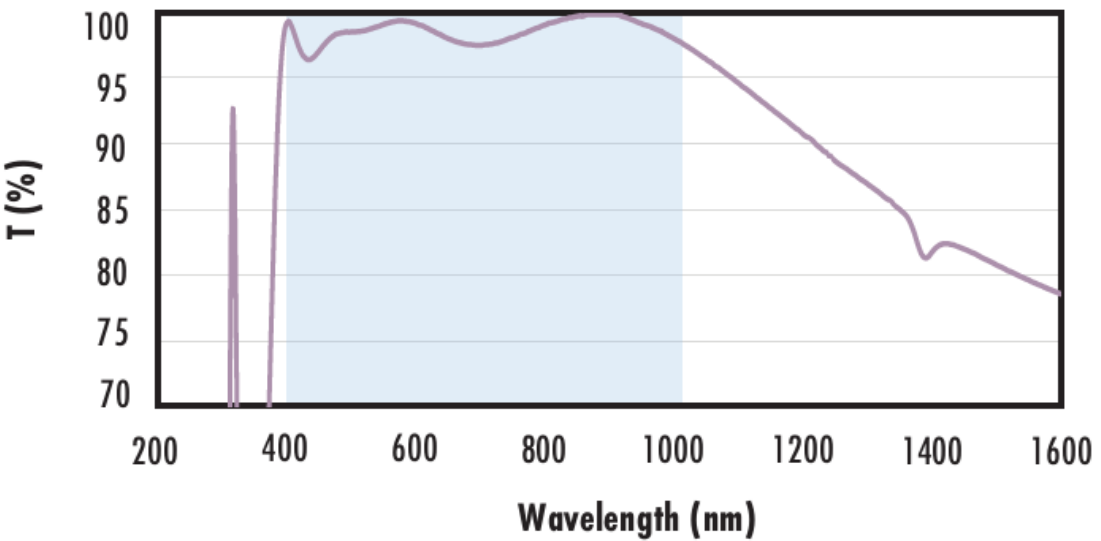
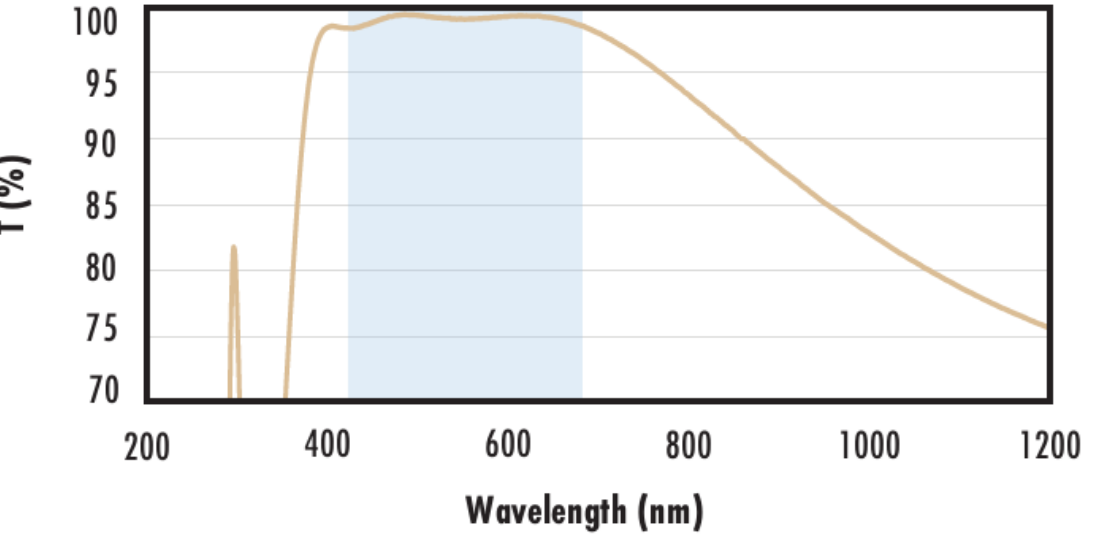
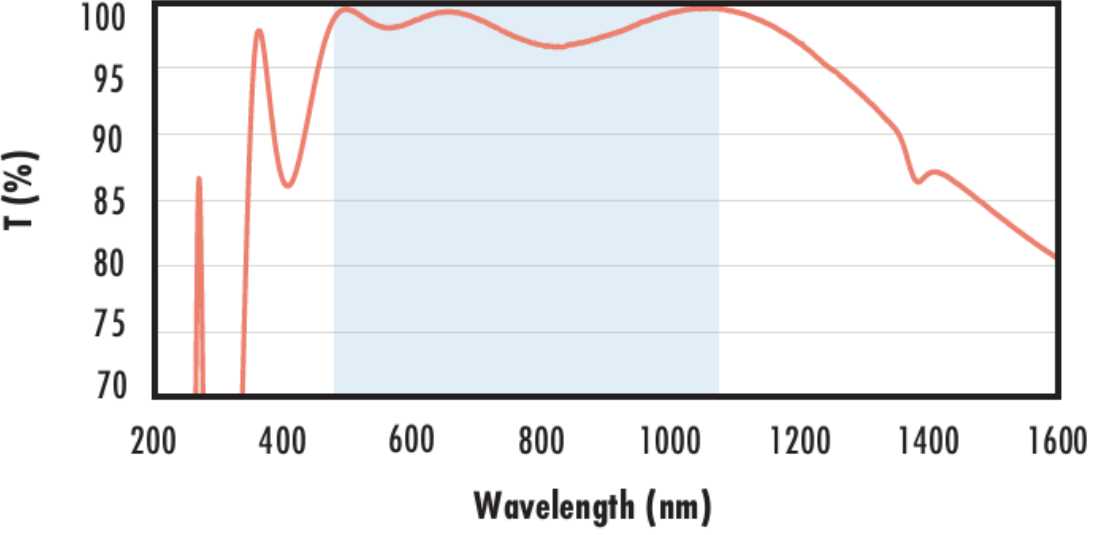
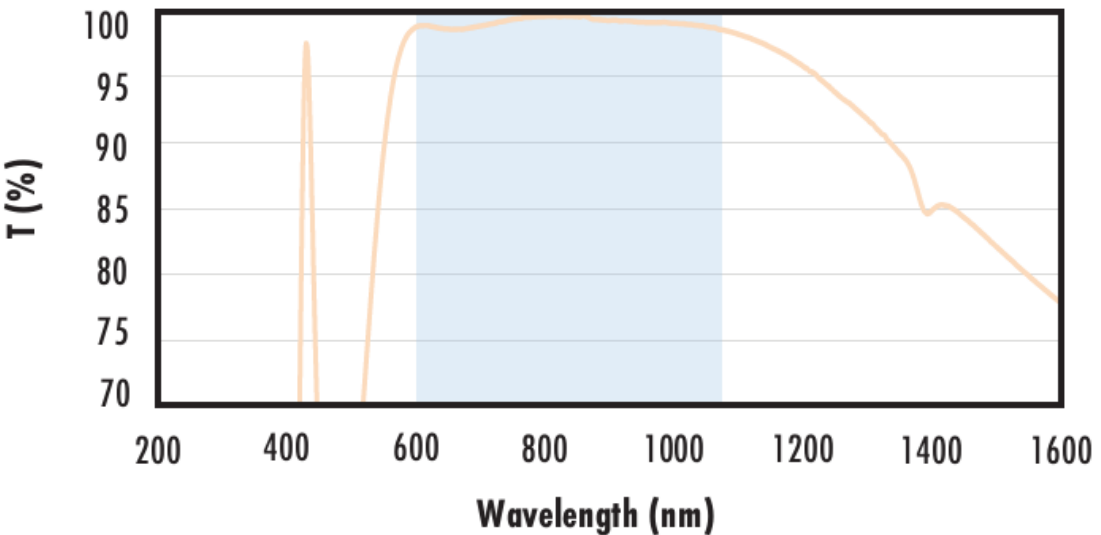
Description produit

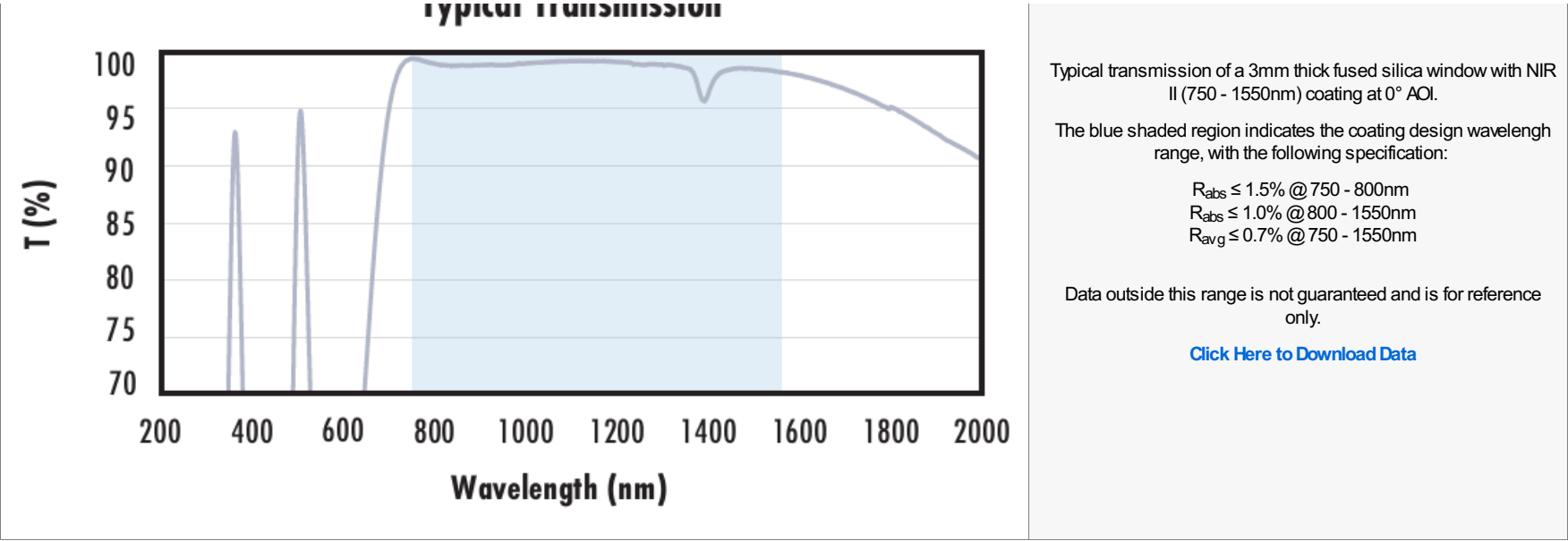
- Angles de secteur de 30 minutes d'arc à 10°
 - Planéité de surface de λ/10 et qualité de surface de 20-10
 - Préviennent l'instabilité du laser lors de l'utilisation dans des cavités laser
 - Fenêtres à Coin en N-BK7 et Fenêtres Planes en Silice Fondue également disponibles
- Les Fenêtres à Coin en Silice Fondue TECHSPEC® sont fabriquées en silice fondue de qualité UV et présentent un coin entre 30 minutes d'arc et 10°. Le coin de ces fenêtres élimine les effets d'étalon en empêchant les réflexions de la surface arrière de se déplacer le long du même chemin optique que le faisceau transmis. Cela permet de protéger contre l'instabilité du laser, les sauts de mode et les pics de puissance lorsqu'elles sont utilisées dans des cavités laser, et contre les effets d'interférence de faisceaux lors de l'utilisation à l'extérieur de ces cavités. Les Fenêtres à Coin en Silice Fondue TECHSPEC® sont idéales pour les applications laser UV ou de haute puissance en raison de leur haute transmittance UV et de leur insensibilité aux variations de température. Ces fenêtres peuvent également être utilisées comme optiques de prélèvement de faisceau ou comme échantillonneurs de faisceau pour surveiller les propriétés du faisceau laser, comme la puissance du faisceau, au fil du temps.

Informations techniques



2004006008001000120014001600180020002200 Wavelength (nm)		
Fused Silica with MgF₂ Coating Typical Transmission T (%) 100959085807570 2004006008001000120014001600180020002200 Wavelength (nm) <td> 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} ≤ 1.75% @ 400 - 700nm (N-BK7) Data outside this range is not guaranteed and is for reference only. Click Here to Download Data </td>		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} ≤ 1.75% @ 400 - 700nm (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 T (%) 100959085807570 20040060080010001200 Wavelength (nm) <td> 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} ≤ 1.0% @ 250 - 425nm R_{avg} ≤ 0.75% @ 250 - 425nm R_{avg} ≤ 0.5% @ 370 - 420nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data </td>		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} ≤ 1.0% @ 250 - 425nm R_{avg} ≤ 0.75% @ 250 - 425nm R_{avg} ≤ 0.5% @ 370 - 420nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
Fused Silica with UV-VIS Coating Typical Transmission T (%) 100959085807570 20040060080010001200 Wavelength (nm) <td> 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} ≤ 1.0% @ 350 - 450nm R_{avg} ≤ 1.5% @ 250 - 700nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data </td>		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} ≤ 1.0% @ 350 - 450nm R_{avg} ≤ 1.5% @ 250 - 700nm 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 T (%) 100959085807570 20040060080010001200 Wavelength (nm) <td> 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} ≤ 0.5% @ 350 - 700nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data </td>		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} ≤ 0.5% @ 350 - 700nm 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 	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 	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 	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: $R_{abs} \leq 0.25\% \text{ @ } 532\text{nm}$ $R_{abs} \leq 0.25\% \text{ @ } 1064\text{nm}$ $R_{avg} \leq 1.0\% \text{ @ } 500 - 1100\text{nm}$ 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 	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: $R_{avg} \leq 0.5\% \text{ @ } 600 - 1050\text{nm}$ 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	



Sur mesure

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](#).