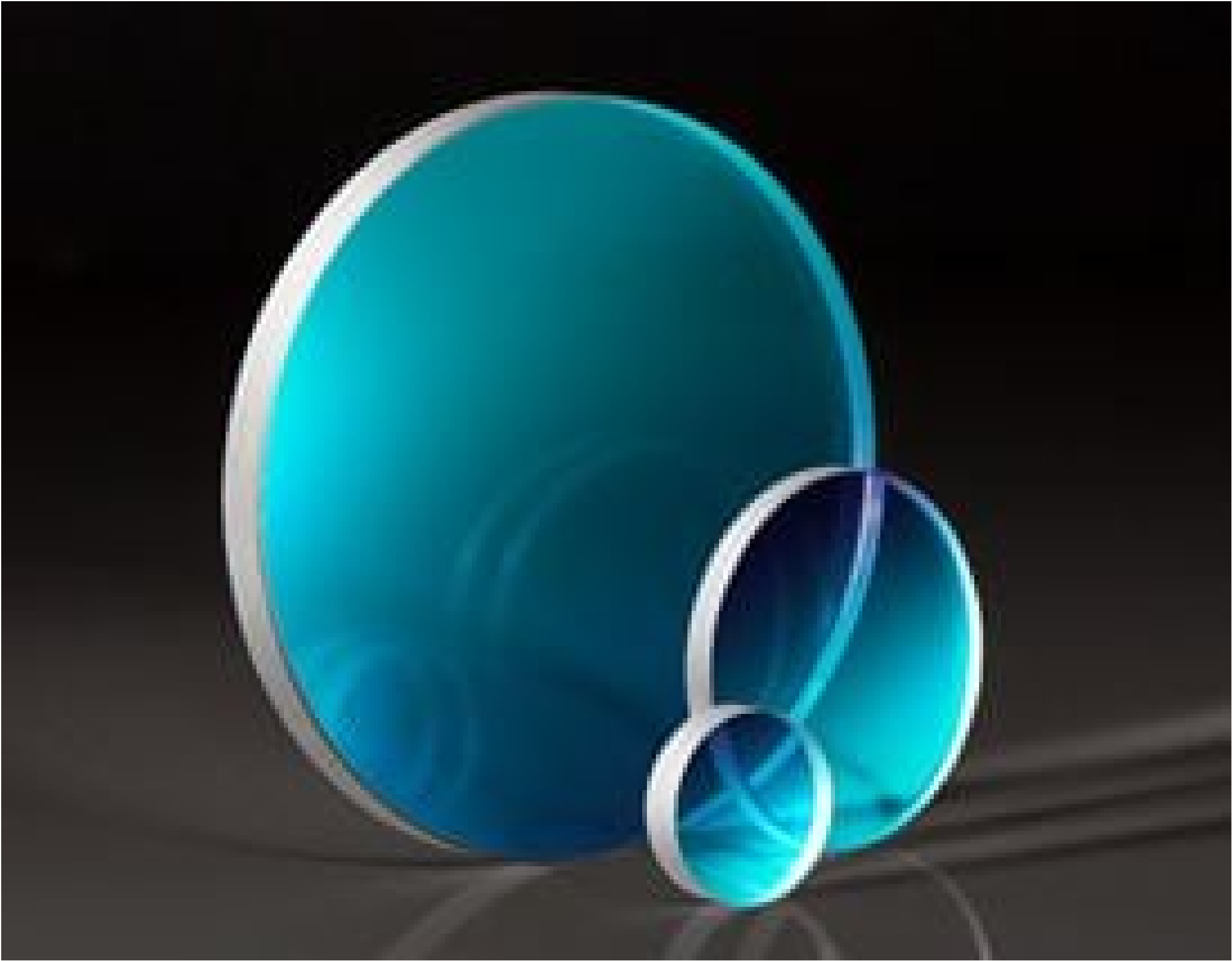


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TECHSPEC[®] Fenêtre à Coin 3,0° en Silice Fondue, Non Traitée, 25 mm de dia.



TECHSPEC[®] Fused Silica Wedged Windows

Stock **#25-669** [CONTACT](#)

-

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

i 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):
22.50

Diamètre (mm):

25.00 +0.0/-0.10	
3.00 ±0.20	Épaisseur (mm):
Fine Ground	Bords:
73	Module d'Élasticité de Young (GPa):

Propriétés optiques

Uncoated	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:
200 - 2200	Gamme de Longueur d'Onde (nm):
3° ±0.2°	Angle de Bord (°):

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):
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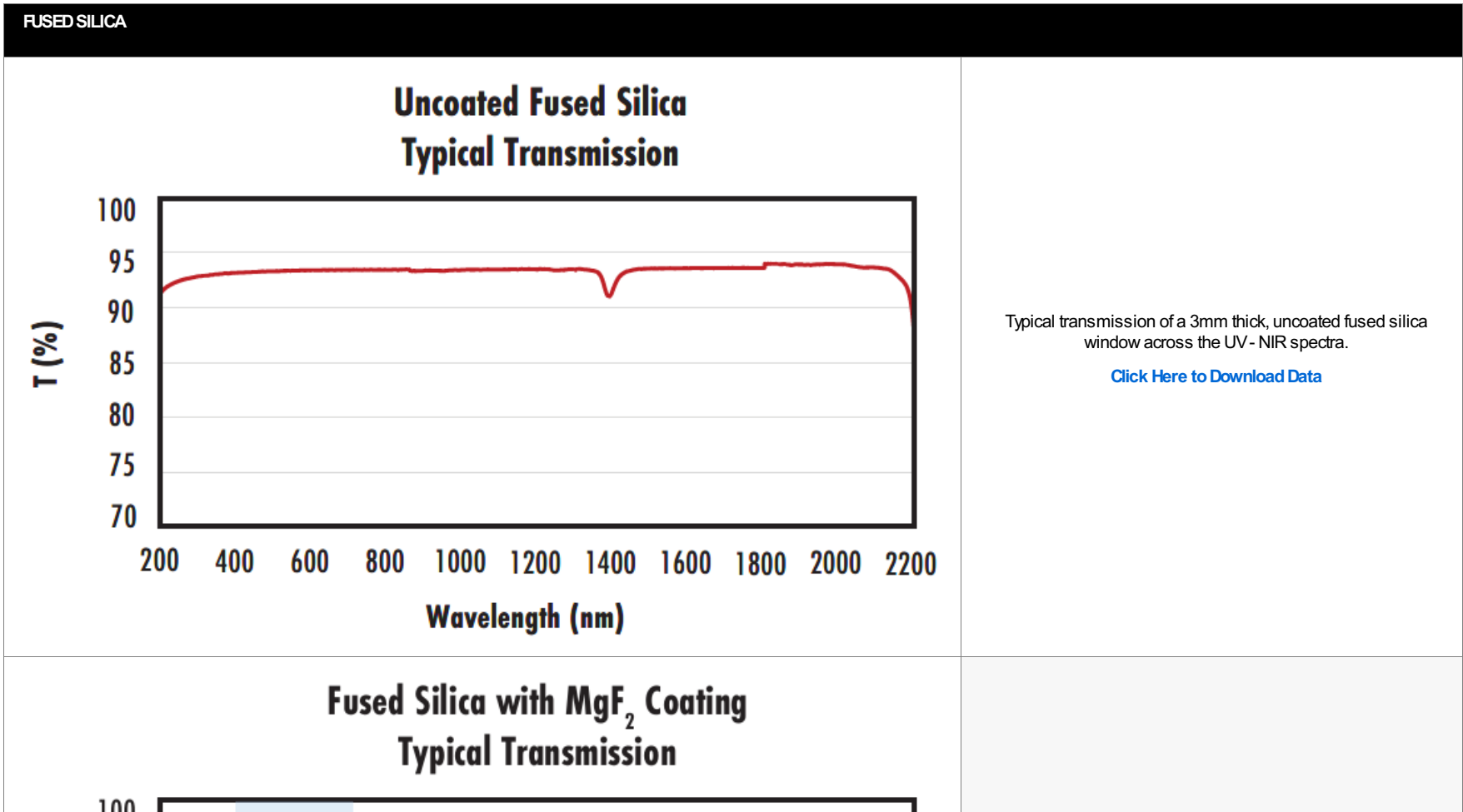
Conformité réglementaire

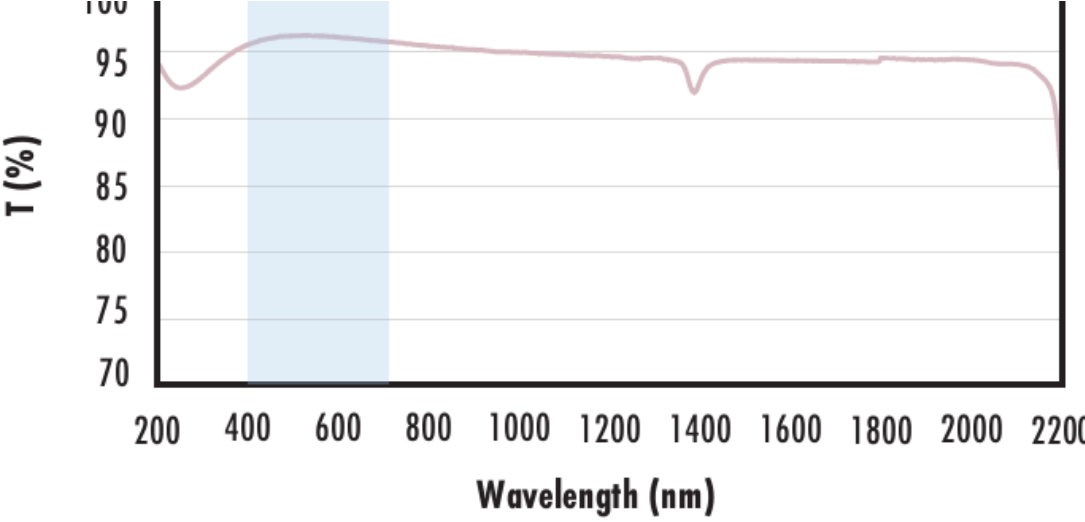
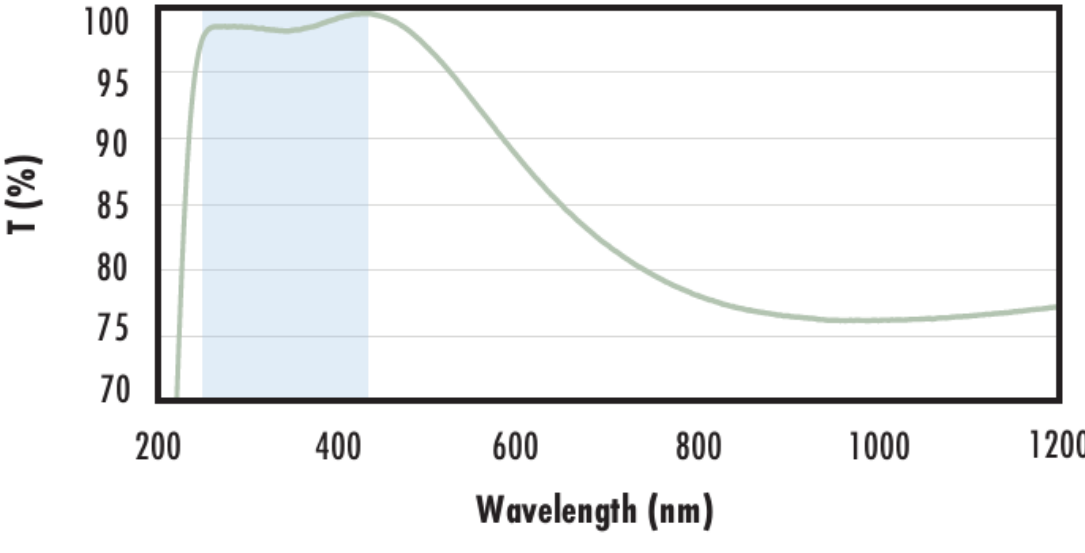
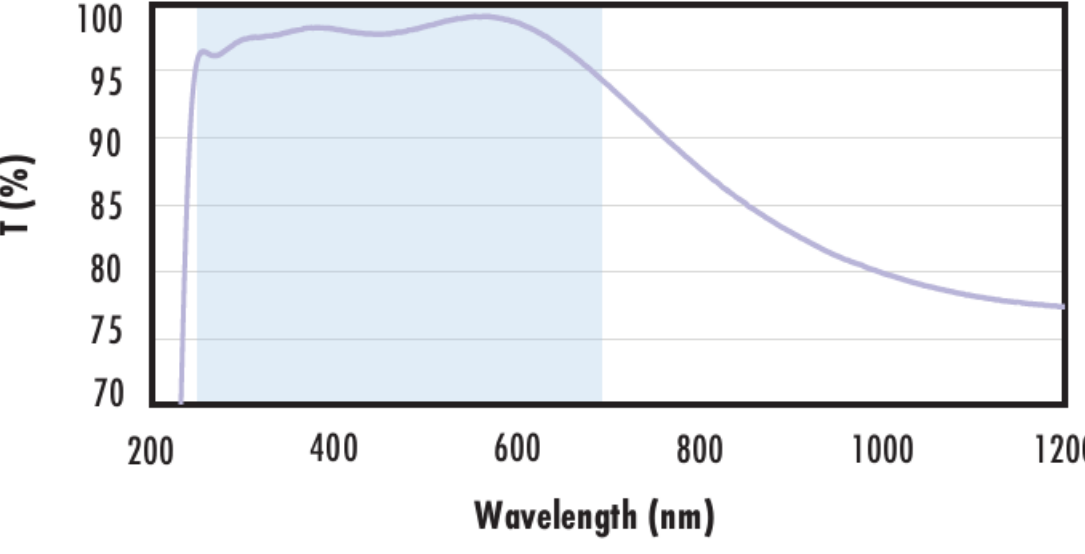
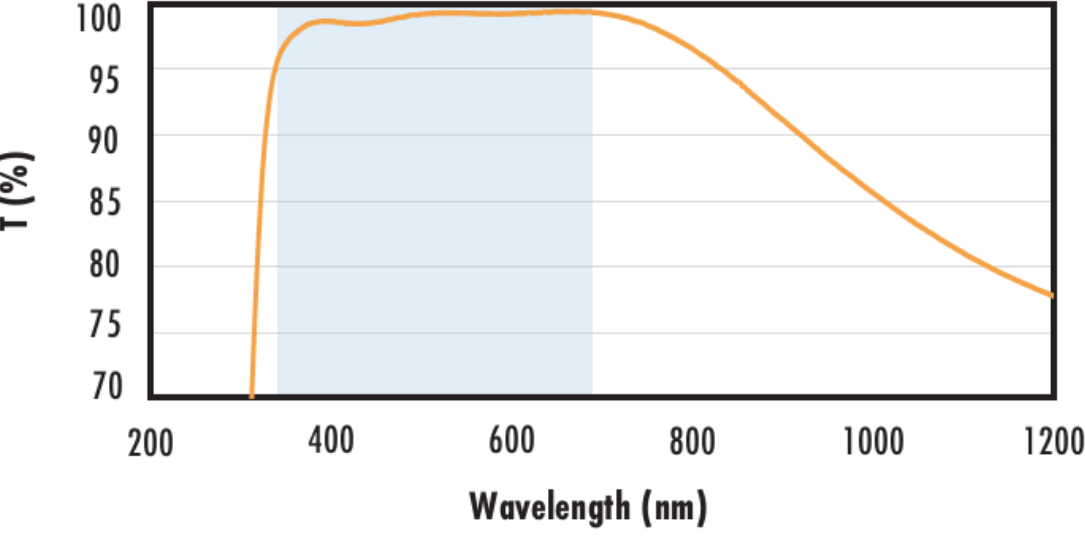
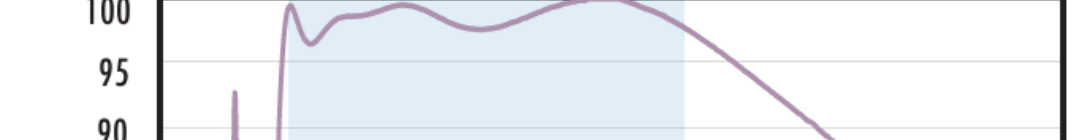
Visionner	Certificate of Conformance:
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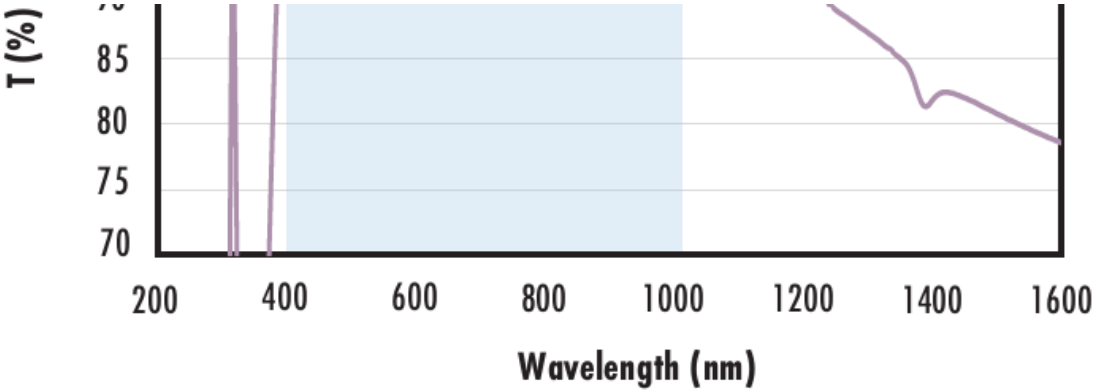
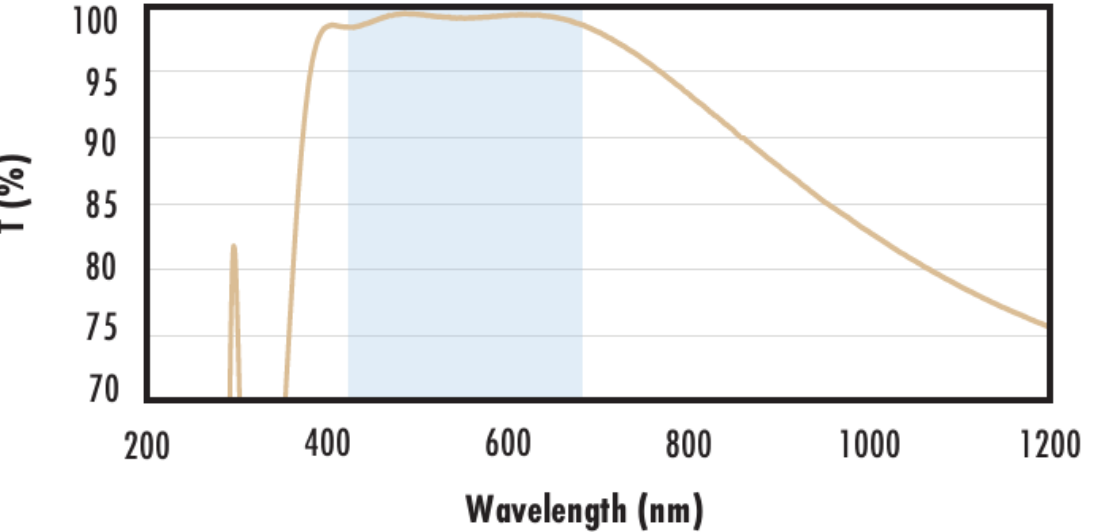
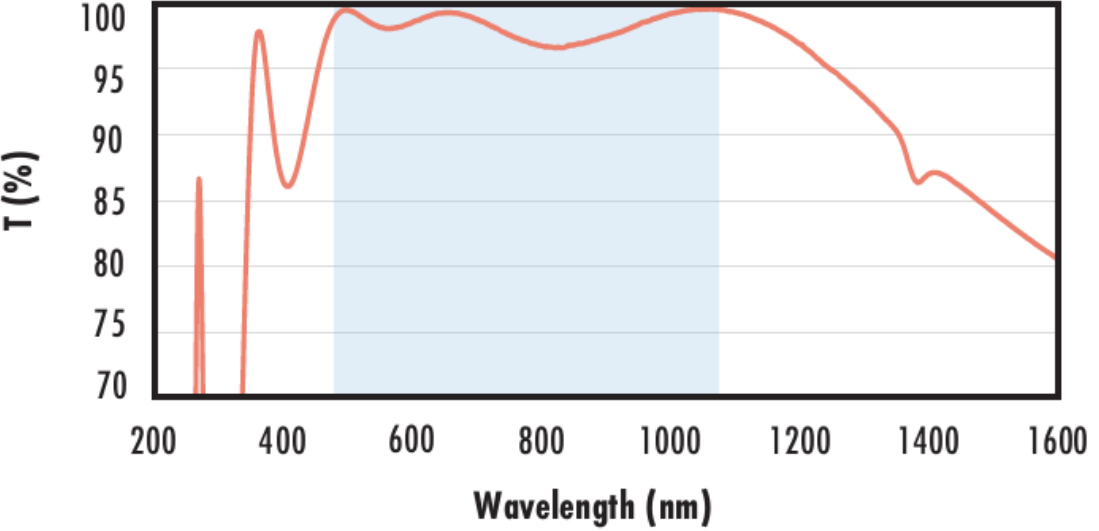
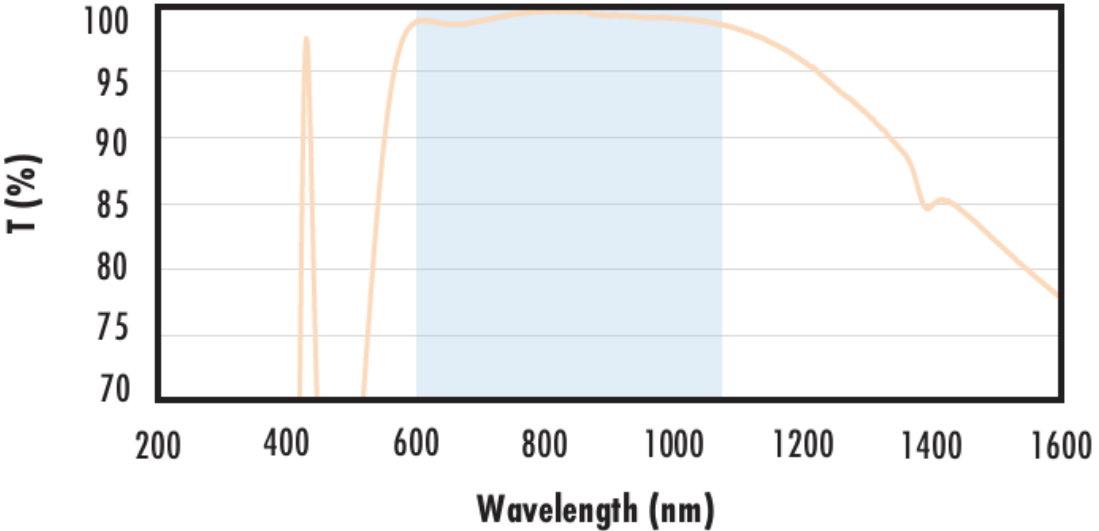
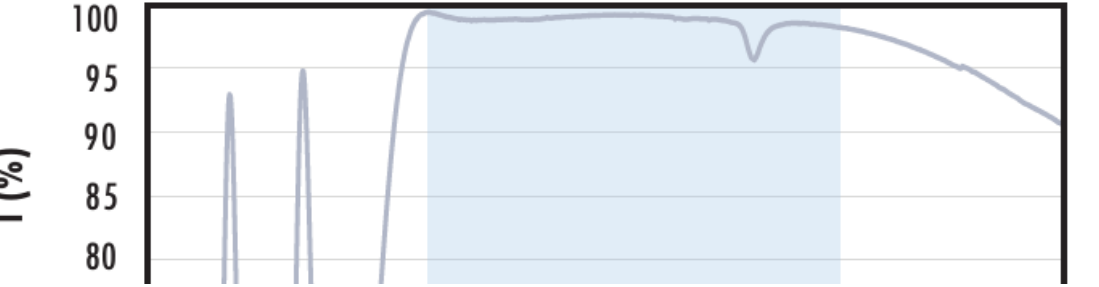
Description produit

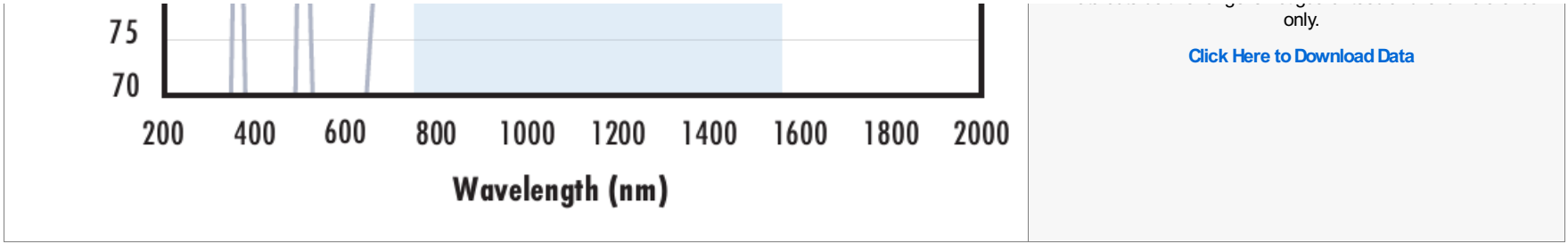
- Angles de secteur de 30 minutes d'arc à 10°
 - Planéité de surface de λ/10 et qualité de surface de 20-10
 - Préviennent l'instabilité du laser lors de l'utilisation dans des cavités laser
 - Fenêtres à Coin en N-BK7 et Fenêtres Planes en Silice Fondue également disponibles
- Les Fenêtres à Coin en 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



 The graph shows typical transmission T (%) on the y-axis (70 to 100) versus wavelength (nm) on the x-axis (200 to 2200). A blue shaded region indicates the coating design wavelength range from 400 nm to 700 nm. The transmission curve is a pink line that stays above 95% across the entire range, with a slight dip around 1400 nm.	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  The graph shows typical transmission T (%) on the y-axis (70 to 100) versus wavelength (nm) on the x-axis (200 to 1200). A blue shaded region indicates the coating design wavelength range from 250 nm to 425 nm. The transmission curve is a green line that is near 100% in the shaded region and then decreases to about 75% at 1200 nm.	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
Fused Silica with UV-VIS Coating Typical Transmission  The graph shows typical transmission T (%) on the y-axis (70 to 100) versus wavelength (nm) on the x-axis (200 to 1200). A blue shaded region indicates the coating design wavelength range from 250 nm to 700 nm. The transmission curve is a purple line that is near 100% in the shaded region and then decreases to about 75% at 1200 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: $R_{abs} \leq 1.0\% @ 350 - 450\text{nm}$ $R_{avg} \leq 1.5\% @ 250 - 700\text{nm}$ 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  The graph shows typical transmission T (%) on the y-axis (70 to 100) versus wavelength (nm) on the x-axis (200 to 1200). A blue shaded region indicates the coating design wavelength range from 350 nm to 700 nm. The transmission curve is an orange line that is near 100% in the shaded region and then decreases to about 75% at 1200 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: $R_{avg} \leq 0.5\% @ 350 - 700\text{nm}$ 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  The graph shows typical transmission T (%) on the y-axis (90 to 100) versus wavelength (nm) on the x-axis (200 to 1200). A blue shaded region indicates the coating design wavelength range from 400 nm to 1000 nm. The transmission curve is a purple line that is near 100% in the shaded region and then decreases to about 75% at 1200 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:

	$R_{abs} \leq 0.25\% @ 880nm$ $R_{avg} \leq 1.25\% @ 400 - 870nm$ $R_{avg} \leq 1.25\% @ 890 - 1000nm$ 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: $R_{avg} \leq 0.4\% @ 425 - 675nm$ 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: $R_{abs} \leq 0.25\% @ 532nm$ $R_{abs} \leq 0.25\% @ 1064nm$ $R_{avg} \leq 1.0\% @ 500 - 1100nm$ 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 	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 	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.



Sur mesure

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