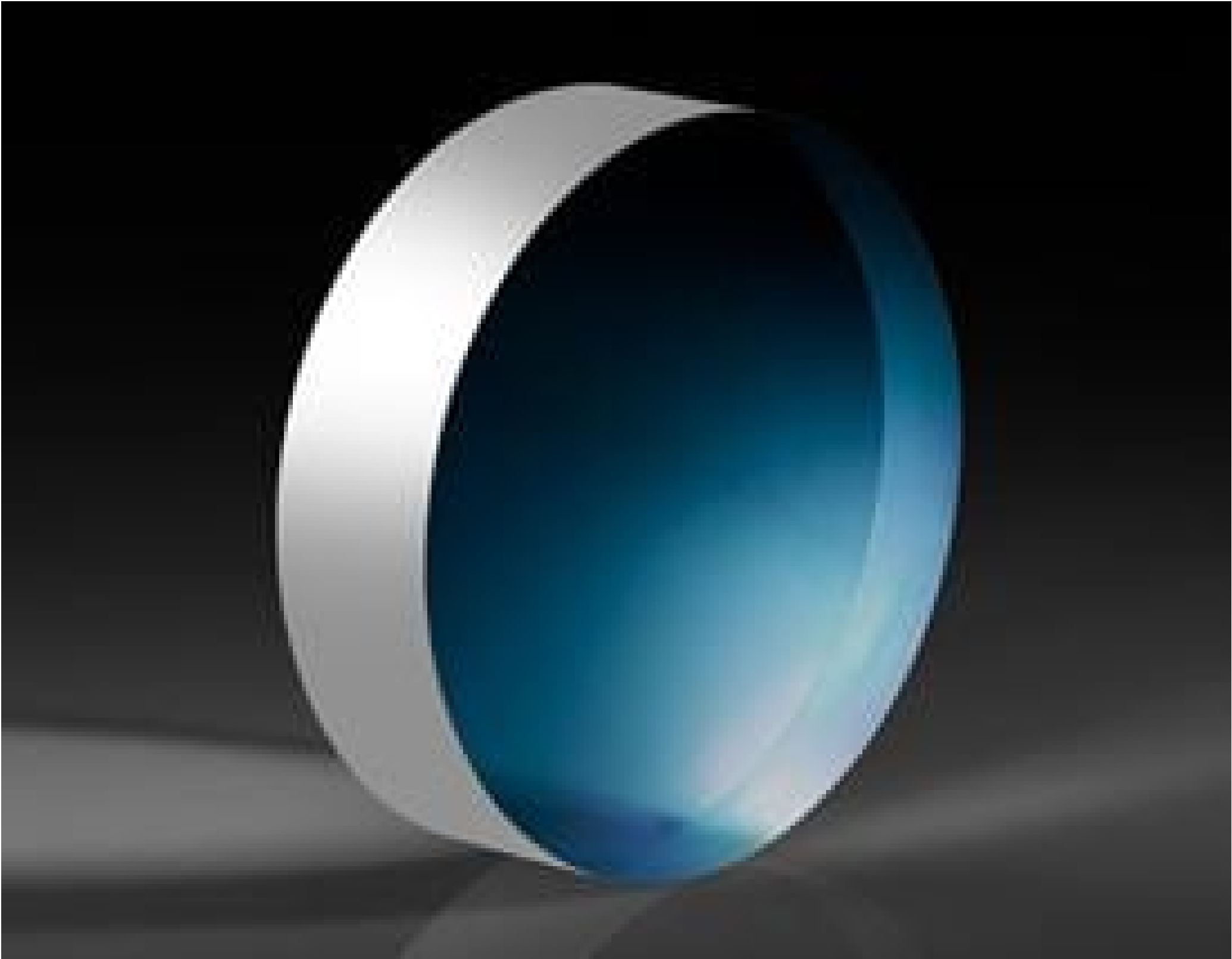


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TECHSPEC®

## Fenêtre 1λ en Silice Fondue Traitée UV-AR, 40 mm de dia., 4 mm d'épaisseur



Stock **#45-814** 20+ In Stock

-

1

+

€145<sup>,00</sup>

AJOUTER AU PANIER

| Prix sur Quantité |                                  |
|-------------------|----------------------------------|
| Qté 1-5           | €145,00 prix unitaire            |
| Qté 6-25          | €115,00 prix unitaire            |
| Qté 26-49         | €108,00 prix unitaire            |
| Need More?        | <a href="#">Demande de Devis</a> |

ⓘ Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

242.00

#Sorting:

### Caractéristiques du produit

Protective Window

Type:

### Propriétés physiques et mécaniques

36.00

Ouverture Utile CA (mm):

|                      |                                     |
|----------------------|-------------------------------------|
| 40.00 +0.00/-0.20    | Diamètre (mm):                      |
| 4.00 ±0.38           | Épaisseur (mm):                     |
| <5                   | Parallélisme (arcmin):              |
| +0.00/-0.20          | Tolérance Dimensionelle (mm):       |
| Protective as needed | Biseau:                             |
| 90                   | Ouverture Utile (%):                |
| Fine Ground          | Bords:                              |
| 0.16                 | Rapport de Poisson:                 |
| 73                   | Module d'Élasticité de Young (GPa): |

|        |                           |
|--------|---------------------------|
| 522.00 | Dureté de Knoop (kg/mm²): |
|--------|---------------------------|

Propriétés optiques

|                                                                                                                       |                                         |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| UV-AR (250-425nm)                                                                                                     | Traitement:                             |
| <a href="#">Fused Silica</a> (Corning 7980)                                                                           | Substrat: □                             |
| 1.458                                                                                                                 | Indice de Réfraction (n <sub>d</sub> ): |
| 60-40                                                                                                                 | Qualité de Surface:                     |
| 67.8                                                                                                                  | Nombre d'Abbe (v <sub>d</sub> ):        |
| R <sub>abs</sub> ≤1.0% @ 250 - 425nm<br>R <sub>avg</sub> ≤0.75% @ 250 - 425nm<br>R <sub>avg</sub> ≤0.5% @ 370 - 420nm | Spécification du Traitement:            |
| 250 - 450                                                                                                             | Gamme de Longueur d'Onde (nm):          |
| 1λ                                                                                                                    | Planéité de Surface (P-V):              |
| 3 J/cm² @ 355nm, 10ns                                                                                                 | Damage Threshold, Reference:            |

Propriétés des matériaux

|                                                                   |                                                               |
|-------------------------------------------------------------------|---------------------------------------------------------------|
| 2.20                                                              | Densité (g/cm³):                                              |
| 0.52 (+5 to +35°C)<br>0.57 (0 to +200°C)<br>0.48 (-100 to +200°C) | Coefficient d'Expansion Thermique CTE (10 <sup>-6</sup> /°C): |
| 7980 0G                                                           | Fused Silica Grade:                                           |

Conformité réglementaire

|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Conforme</a>  | RoHS 2015:                  |
| <a href="#">Visionner</a> | Certificate of Conformance: |
| <a href="#">Conforme</a>  | Reach 235:                  |

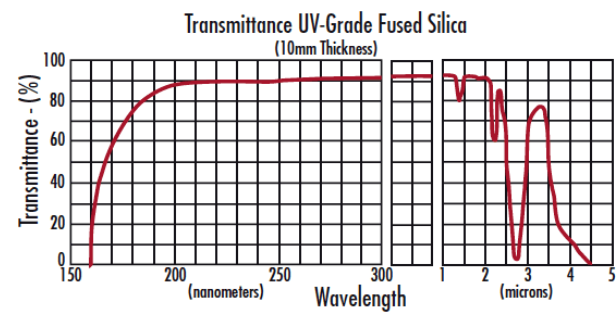
## Description produit

- Disponibles avec ou sans traitement antireflets à large bande
- Idéales pour applications à large bande
- Tailles de 5 mm de diamètre à carrés de 50 mm disponibles
- Fenêtres en Silice Fondue UV [λ/4](#) ou [λ/10](#) aussi disponibles

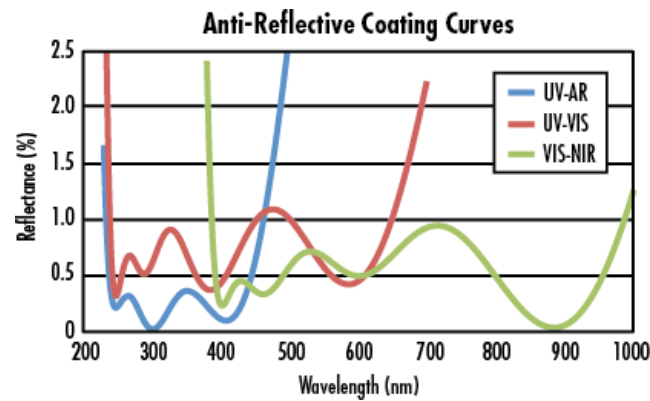
Les Fenêtres 1λ en Silice Fondue UV TECHSPEC® sont fabriquées avec précision en utilisant de la silice fondue synthétique. En plus d'une forte transmission, la silice fondue synthétique de ces fenêtres optiques fournit des propriétés thermiques plus élevées, une pureté exceptionnelle et une excellente durabilité environnementale pour toutes applications exigeantes. Les fenêtres sont idéales pour les applications à large bande sensibles aux coûts et sont disponibles sans traitement ou avec des traitements antireflets à large bande. Les Fenêtres 1λ en Silice Fondue UV TECHSPEC® ont des tailles allant de 5 mm à 100 mm de diamètre. Des fenêtres λ/4 ou λ/10 UV en silice fondue sont également disponibles.

**Remarque :** Les nouveaux ajouts à cette famille de produits peuvent être précisés avec une spécification de distorsion du front d'onde transmis (TWD) au lieu d'une planéité de surface. Pour plus d'informations sur la différence entre ces deux spécifications, consultez notre note d'application [Comprendre les fenêtres optiques](#).

Informations techniques

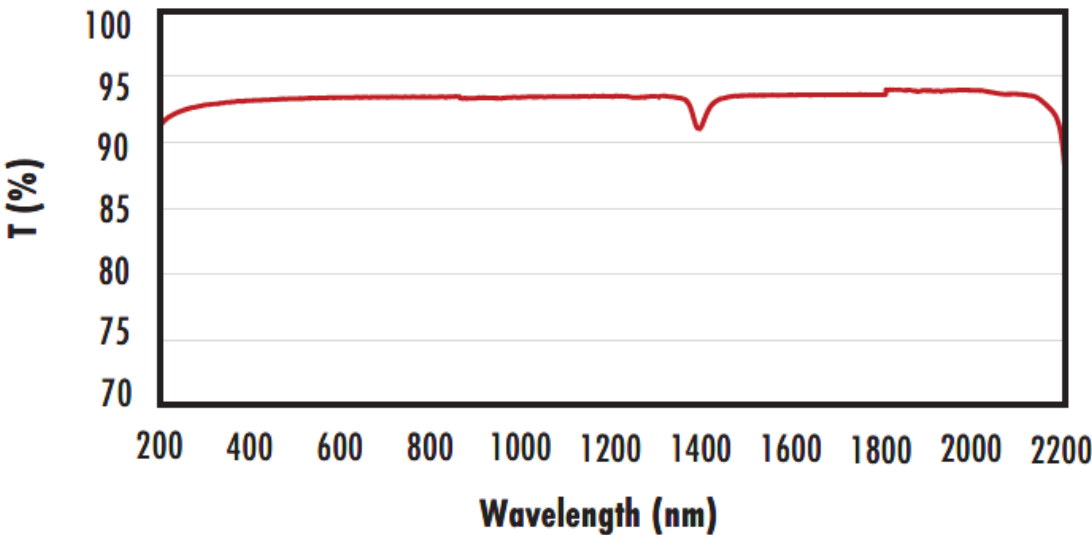


UV FS Transmission Curve



FUSED SILICA

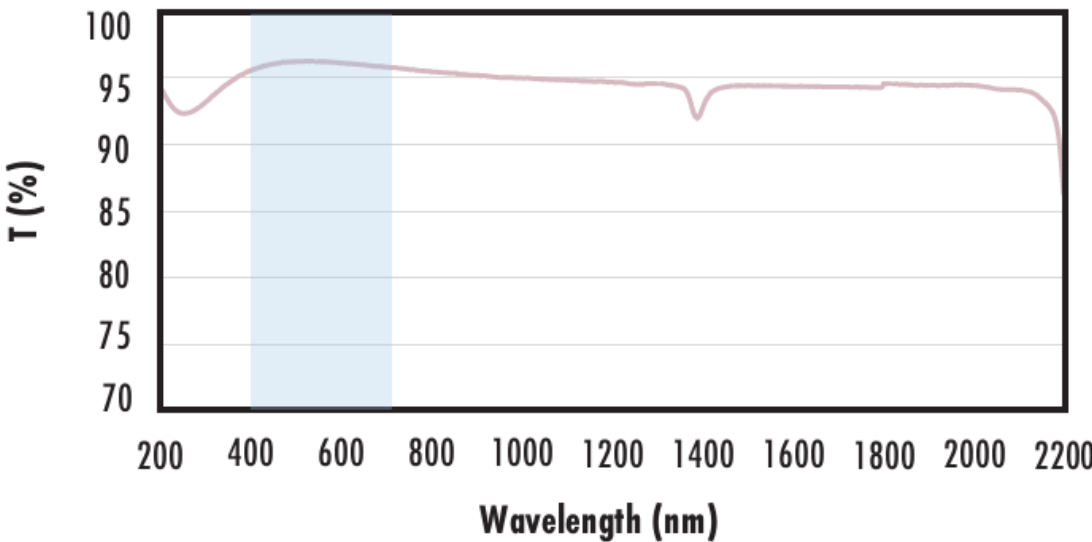
Uncoated Fused Silica  
Typical Transmission



Typical transmission of a 3mm thick, uncoated fused silica window across the UV - NIR spectra.

[Click Here to Download Data](#)

Fused Silica with  $MgF_2$  Coating  
Typical Transmission



Typical transmission of a 3mm thick fused silica window with  $MgF_2$  (400-700nm) coating at 0° AOI.

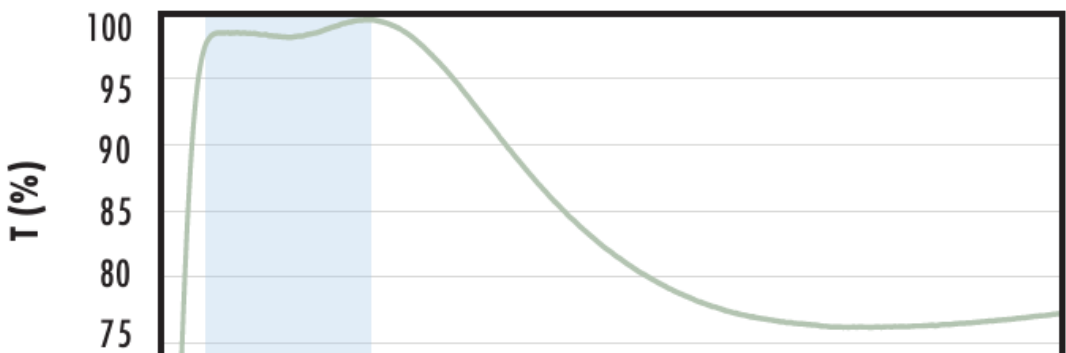
The blue shaded region indicates the coating design wavelength range, with the following specification:

$R_{avg} \leq 1.75\%$  @ 400 - 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



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:

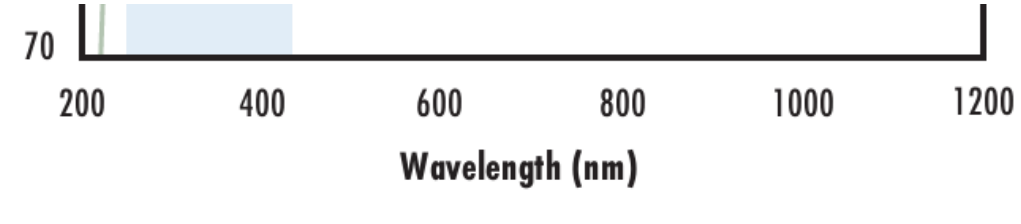
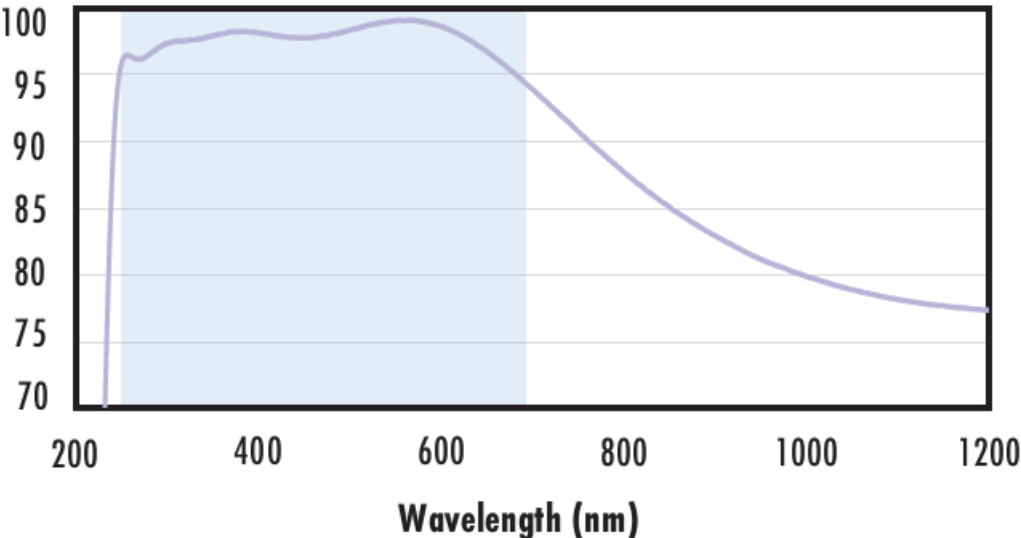
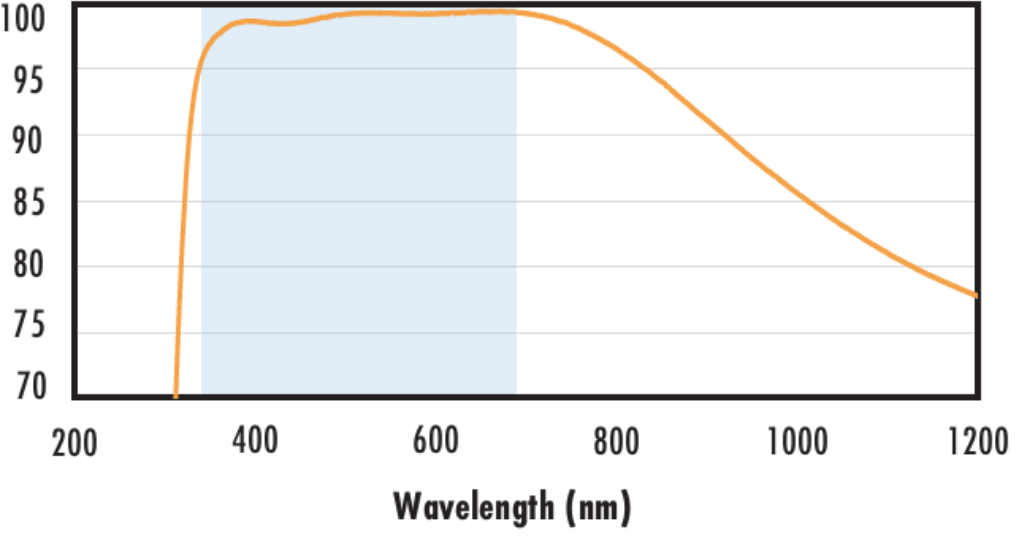
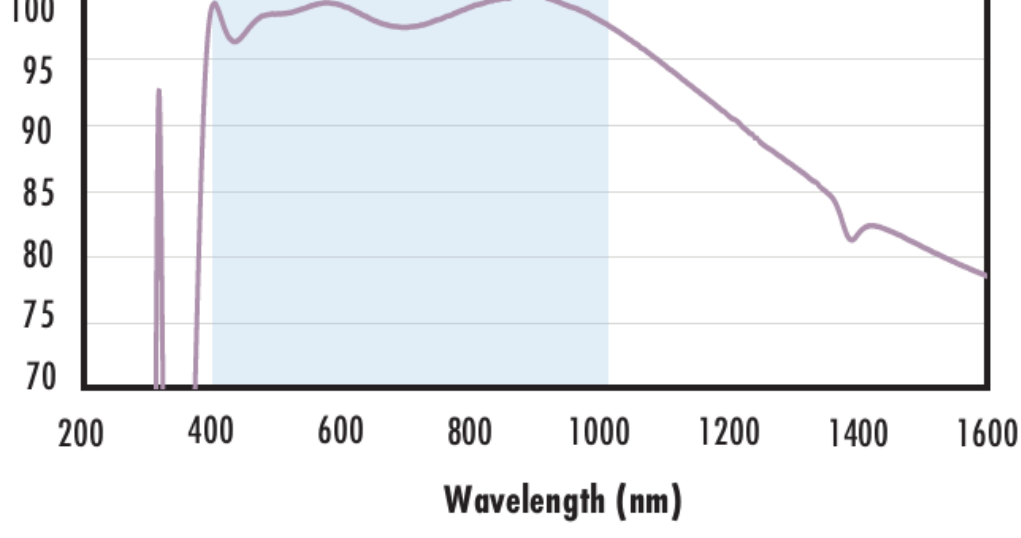
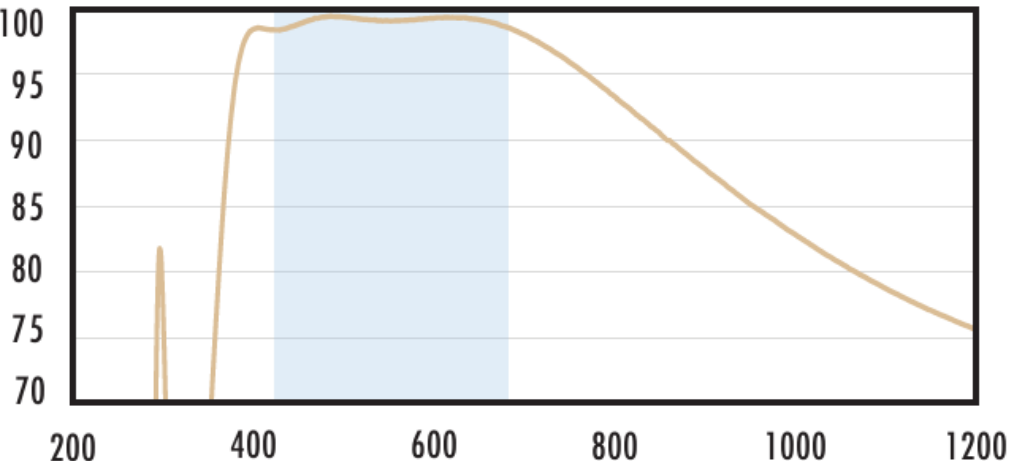
$R_{abs} \leq 1.0\%$  @ 250 - 425nm

$R_{avg} \leq 0.75\%$  @ 250 - 425nm

$R_{avg} \leq 0.5\%$  @ 370 - 420nm

Data outside this range is not guaranteed and is for reference only.

[Click Here to Download Data](#)

|                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p data-bbox="573 299 1083 403"><b>Fused Silica with UV-VIS Coating</b><br/><b>Typical Transmission</b></p>       | <p data-bbox="1329 460 1856 510">Typical transmission of a 3mm thick fused silica window with UV-VIS (250-700nm) coating at 0° AOI.</p> <p data-bbox="1329 525 1856 572">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1476 587 1709 638"><math>R_{abs} \leq 1.0\% \text{ @ } 350 - 450\text{nm}</math><math>R_{avg} \leq 1.5\% \text{ @ } 250 - 700\text{nm}</math></div> <p data-bbox="1329 673 1856 721">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 736 1709 756"><a href="#">Click Here to Download Data</a></p>                                                                        |
| <p data-bbox="573 982 1083 1086"><b>Fused Silica with VIS-EXT Coating</b><br/><b>Typical Transmission</b></p>   | <p data-bbox="1329 1166 1856 1216">Typical transmission of a 3mm thick fused silica window with VIS-EXT (350-700nm) coating at 0° AOI.</p> <p data-bbox="1329 1231 1856 1279">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1476 1294 1709 1314"><math>R_{avg} \leq 0.5\% \text{ @ } 350 - 700\text{nm}</math></div> <p data-bbox="1329 1329 1856 1377">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 1391 1709 1412"><a href="#">Click Here to Download Data</a></p>                                                                                                                          |
| <p data-bbox="573 1665 1083 1768"><b>Fused Silica with VIS-NIR Coating</b><br/><b>Typical Transmission</b></p>  | <p data-bbox="1329 1801 1856 1852">Typical transmission of a 3mm thick fused silica window with VIS-NIR (400-1000nm) coating at 0° AOI.</p> <p data-bbox="1329 1866 1856 1914">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1476 1929 1709 2000"><math>R_{abs} \leq 0.25\% \text{ @ } 880\text{nm}</math><math>R_{avg} \leq 1.25\% \text{ @ } 400 - 870\text{nm}</math><math>R_{avg} \leq 1.25\% \text{ @ } 890 - 1000\text{nm}</math></div> <p data-bbox="1329 2036 1856 2083">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 2098 1709 2119"><a href="#">Click Here to Download Data</a></p> |
| <p data-bbox="573 2329 1083 2433"><b>Fused Silica with VIS 0° Coating</b><br/><b>Typical Transmission</b></p>   | <p data-bbox="1329 2507 1856 2558">Typical transmission of a 3mm thick fused silica window with VIS 0° (425-675nm) coating at 0° AOI.</p> <p data-bbox="1329 2573 1856 2620">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1476 2635 1709 2656"><math>R_{avg} \leq 0.4\% \text{ @ } 425 - 675\text{nm}</math></div> <p data-bbox="1329 2671 1856 2718">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 2733 1709 2754"><a href="#">Click Here to Download Data</a></p>                                                                                                                           |

| <div><div>Wavelength (nm)</div><div><div>Fused Silica with YAG-BBAR Coating</div><div>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with YAG-BBAR Coating</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>300</td><td>87</td></tr><tr><td>400</td><td>98</td></tr><tr><td>500</td><td>100</td></tr><tr><td>600</td><td>99</td></tr><tr><td>800</td><td>98</td></tr><tr><td>1000</td><td>100</td></tr><tr><td>1100</td><td>100</td></tr><tr><td>1200</td><td>98</td></tr><tr><td>1400</td><td>87</td></tr><tr><td>1600</td><td>80</td></tr></tbody></table></div></div></div> | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 300 | 87 | 400 | 98  | 500 | 100 | 600 | 99  | 800  | 98  | 1000 | 100 | 1100 | 100 | 1200 | 98  | 1400 | 87 | 1600                                                                                                                                                                                                                                                                                                                                                                                                                                  | 80 | <div><p>Typical transmission of a 3mm thick fused silica window with YAG-BBAR (500-1100nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><div><div><math>R_{abs} \leq 0.25\%</math> @ 532nm</div><div><math>R_{abs} \leq 0.25\%</math> @ 1064nm</div><div><math>R_{avg} \leq 1.0\%</math> @ 500 - 1100nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div>           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|-----|----|-----|----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|------|-----|------|-----|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Transmission T (%) |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 99                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 87                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div><div>Wavelength (nm)</div><div><div>Fused Silica with NIR I Coating</div><div>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with NIR I Coating</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>400</td><td>98</td></tr><tr><td>500</td><td>100</td></tr><tr><td>600</td><td>100</td></tr><tr><td>800</td><td>100</td></tr><tr><td>1000</td><td>100</td></tr><tr><td>1050</td><td>100</td></tr><tr><td>1200</td><td>98</td></tr><tr><td>1400</td><td>85</td></tr><tr><td>1600</td><td>78</td></tr></tbody></table></div></div></div>                                     | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 400 | 98 | 500 | 100 | 600 | 100 | 800 | 100 | 1000 | 100 | 1050 | 100 | 1200 | 98  | 1400 | 85  | 1600 | 78 | <div><p>Typical transmission of a 3mm thick fused silica window with NIR I (600 - 1050nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><div><div><math>R_{avg} \leq 0.5\%</math> @ 600 - 1050nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div> |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Transmission T (%) |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 85                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 78                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div><div>Wavelength (nm)</div><div><div>Fused Silica with NIR II Coating</div><div>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with NIR II Coating</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>70</td></tr><tr><td>400</td><td>93</td></tr><tr><td>500</td><td>95</td></tr><tr><td>600</td><td>100</td></tr><tr><td>750</td><td>100</td></tr><tr><td>1000</td><td>100</td></tr><tr><td>1200</td><td>100</td></tr><tr><td>1400</td><td>97</td></tr><tr><td>1550</td><td>100</td></tr><tr><td>1800</td><td>95</td></tr><tr><td>2000</td><td>91</td></tr></tbody></table></div></div></div>  | Wavelength (nm)    | Transmission T (%) | 200 | 70 | 400 | 93 | 500 | 95  | 600 | 100 | 750 | 100 | 1000 | 100 | 1200 | 100 | 1400 | 97  | 1550 | 100 | 1800 | 95 | 2000                                                                                                                                                                                                                                                                                                                                                                                                                                  | 91 | <div><p>Typical transmission of a 3mm thick fused silica window with NIR II (750 - 1550nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><div><div><math>R_{abs} \leq 1.5\%</math> @ 750 - 800nm</div><div><math>R_{abs} \leq 1.0\%</math> @ 800 - 1550nm</div><div><math>R_{avg} \leq 0.7\%</math> @ 750 - 1550nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div> |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Transmission T (%) |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 93                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 95                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 97                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1550                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 95                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 91                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |     |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## 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.

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## Montures compatibles

