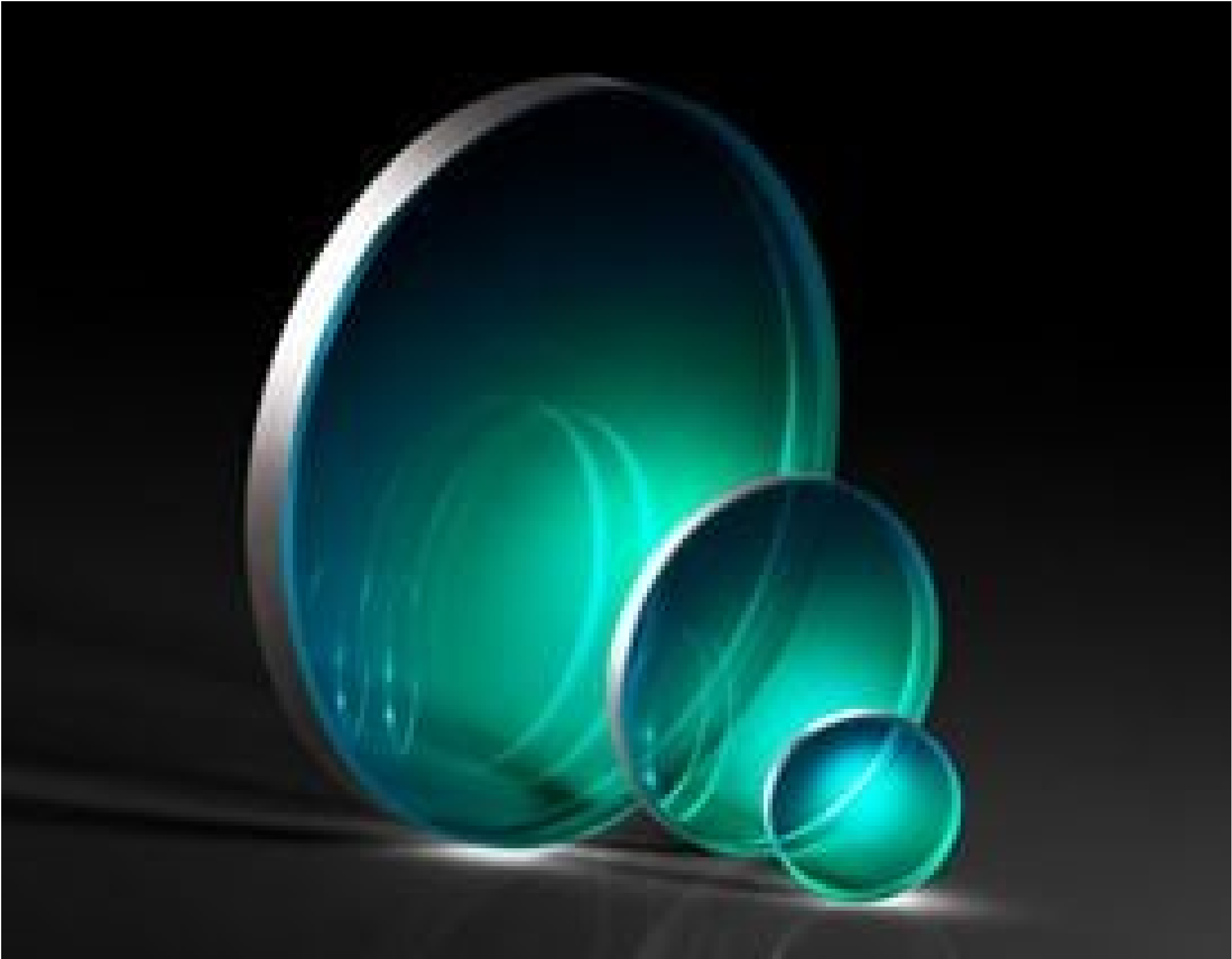


[Afficher tous les 216 produits de la même famille.](#)

TECHSPEC®

Fenêtre en Silice Fondue  $\lambda/4$ , Non Traitée, 50 mm de Dia., 4 mm d'Épaisseur



TECHSPEC®  $\lambda/4$  UV Fused Silica Windows

Stock **#14-966** 5 In Stock

-

1

+

€202<sup>00</sup>

AJOUTER AU PANIER

| Prix sur Quantité |                                  |
|-------------------|----------------------------------|
| Qté 1-5           | €202,00 prix unitaire            |
| Qté 6-25          | €161,00 prix unitaire            |
| Qté 26-49         | €151,00 prix unitaire            |
| Need More?        | <a href="#">Demande de Devis</a> |

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

78.00

#Sorting:

Caractéristiques du produit

Protective Window

Type:

Propriétés physiques et mécaniques

Ouverture Utile CA (mm):

|                      |                                     |
|----------------------|-------------------------------------|
| 45.00                |                                     |
| 50.00 +0.00/-0.10    | Diamètre (mm):                      |
| 4.00 ±0.10           | Épaisseur (mm):                     |
| <1                   | Parallélisme (arcmin):              |
| +0.00/-0.10          | 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

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| Uncoated                                    | Traitement:                             |
| <a href="#">Fused Silica</a> (Corning 7980) | Substrat: <input type="checkbox"/>      |
| 1.458                                       | Indice de Réfraction (n <sub>d</sub> ): |
| 40-20                                       | Qualité de Surface:                     |
| <i>N</i> /4                                 | Front d'Onde Transmis, P-V:             |
| 67.8                                        | Nombre d'Abbe (v <sub>d</sub> ):        |
| 200 - 2200                                  | Gamme de Longueur d'Onde (nm):          |

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:                                           |

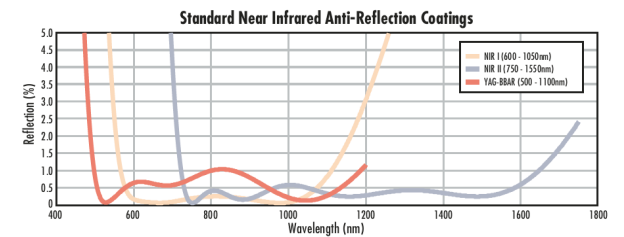
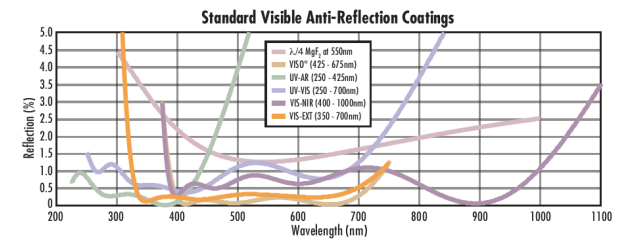
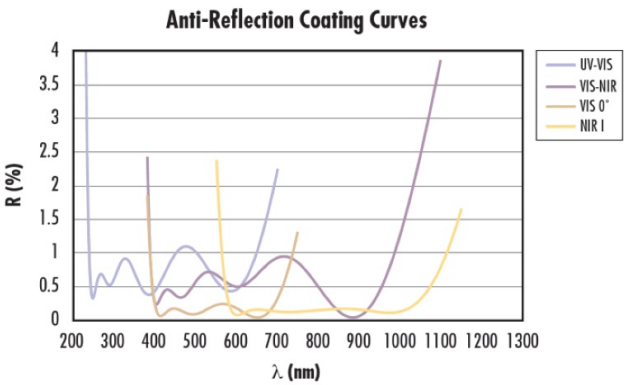
Conformité réglementaire

|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Conforme</a>  | RoHS 2015:                  |
| <a href="#">Visionner</a> | Certificate of Conformance: |
| <a href="#">Conforme</a>  | REACH 241:                  |

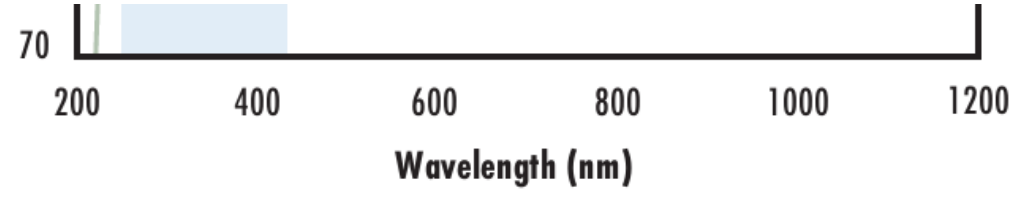
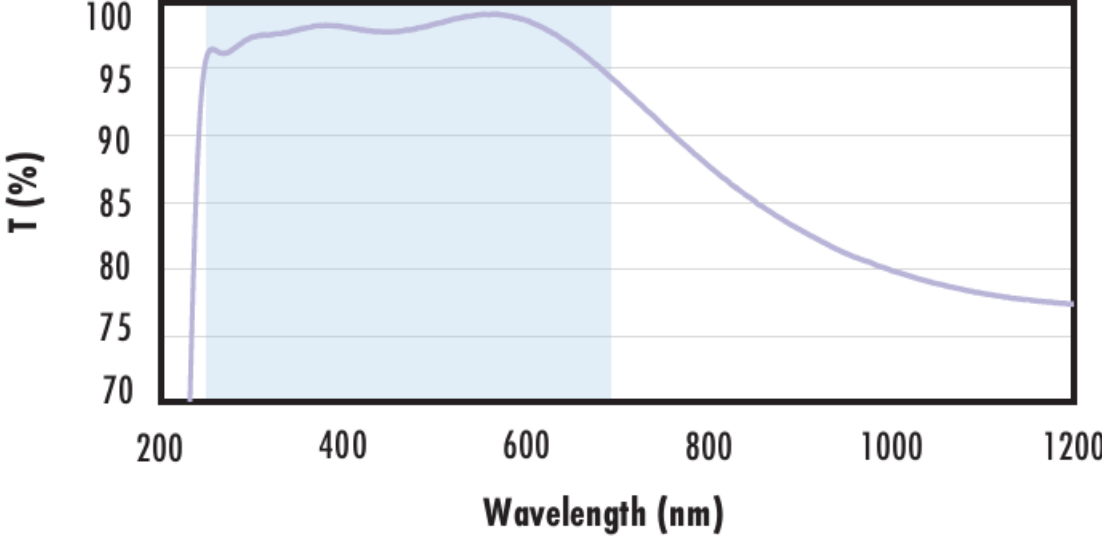
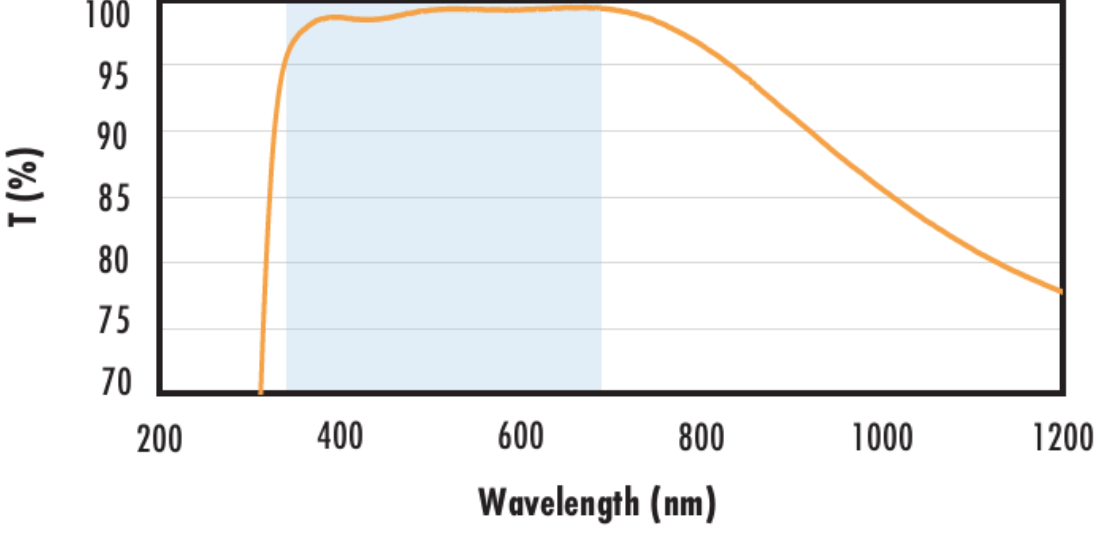
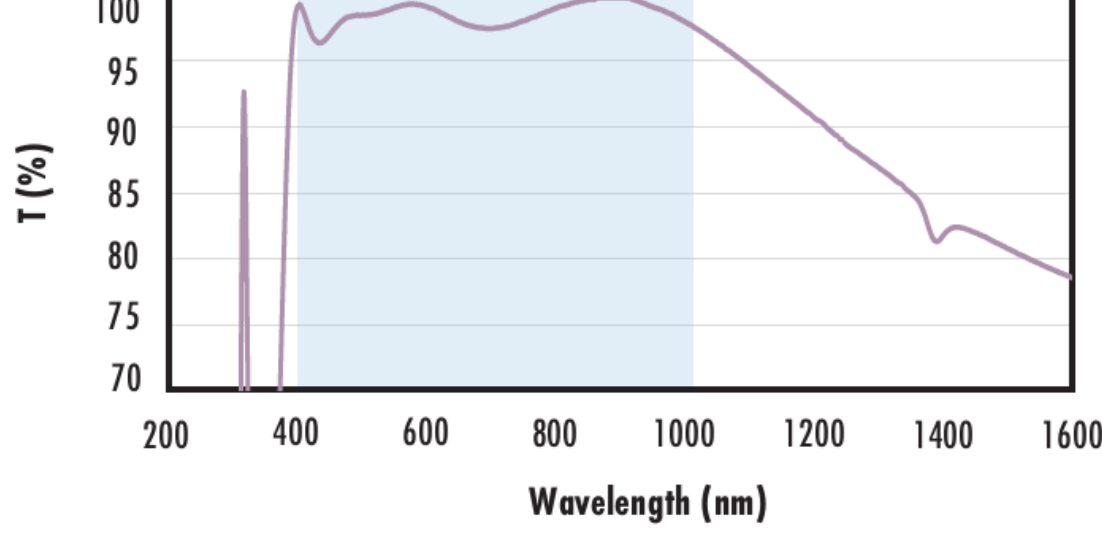
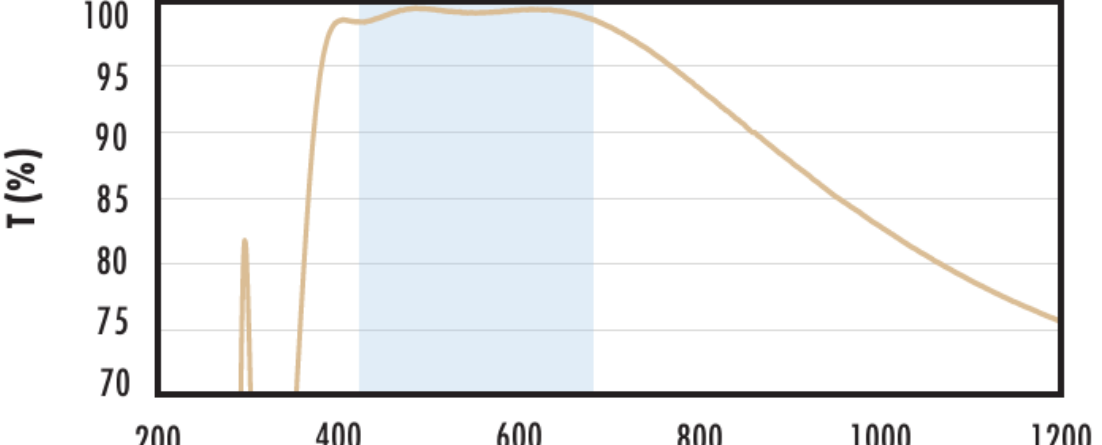
## Description produit

- disponible sans traitement ou traitées BBAR pour l'UV, le visible et le NIR
  - parfaites pour les applications d'imagerie
  - tailles de diamètre standard de 5 à 200 mm
  - fenêtres en silice fondue UV [1A](#) ou [N/10](#) également disponibles
- Les Fenêtres en Silice Fondue UV *N*/4 TECHSPEC® sont fabriquées avec une qualité de surface de 40-20 et des spécifications d'erreur du front d'onde transmis de *N*/4, ce qui les rend idéales pour les applications d'imagerie. Dotées de substrats en silice fondue UV, ces fenêtres offrent une transmission élevée de l'ultraviolet (UV) au visible et à l'infrarouge proche (NIR). Des options de traitement antireflet à large bande (BBAR) sont disponibles pour minimiser les pertes par réflexion et augmenter la transmission. Les Fenêtres en Silice Fondue UV *N*/4 TECHSPEC sont utilisées dans les applications d'imagerie optique, dans les applications laser de faible à moyenne puissance et comme fenêtres de protection, en particulier dans les applications nécessitant la transmission de la lumière UV.

## Informations techniques



| FUSED SILICA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|-----|----|-----|----|-----|----|-----|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----|------|----|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Uncoated Fused Silica<br/>Typical Transmission</div><div><table border="1"><caption>Approximate data for Uncoated Fused Silica Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>92</td></tr><tr><td>400</td><td>94</td></tr><tr><td>600</td><td>94</td></tr><tr><td>800</td><td>94</td></tr><tr><td>1000</td><td>94</td></tr><tr><td>1200</td><td>94</td></tr><tr><td>1400</td><td>92</td></tr><tr><td>1600</td><td>94</td></tr><tr><td>1800</td><td>94</td></tr><tr><td>2000</td><td>94</td></tr><tr><td>2200</td><td>90</td></tr></tbody></table></div></div>                                                                                                                                               | Wavelength (nm)    | Transmission T (%) | 200 | 92 | 400 | 94 | 600 | 94 | 800 | 94 | 1000 | 94 | 1200 | 94 | 1400 | 92 | 1600 | 94 | 1800 | 94 | 2000 | 94 | 2200 | 90 | <p>Typical transmission of a 3mm thick, uncoated fused silica window across the UV - NIR spectra.</p> <p><a href="#">Click Here to Download Data</a></p>                                                                                                                                                                                                                                                                              |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Transmission T (%) |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 92                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 92                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 90                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <div><div>Fused Silica with MgF<sub>2</sub> Coating<br/>Typical Transmission</div><div><table border="1"><caption>Approximate data for MgF2 Coated Fused Silica Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>94</td></tr><tr><td>400</td><td>96</td></tr><tr><td>600</td><td>96</td></tr><tr><td>800</td><td>95</td></tr><tr><td>1000</td><td>95</td></tr><tr><td>1200</td><td>95</td></tr><tr><td>1400</td><td>93</td></tr><tr><td>1600</td><td>95</td></tr><tr><td>1800</td><td>95</td></tr><tr><td>2000</td><td>95</td></tr><tr><td>2200</td><td>90</td></tr></tbody></table></div></div>                                                                                                                        | Wavelength (nm)    | Transmission T (%) | 200 | 94 | 400 | 96 | 600 | 96 | 800 | 95 | 1000 | 95 | 1200 | 95 | 1400 | 93 | 1600 | 95 | 1800 | 95 | 2000 | 95 | 2200 | 90 | <p>Typical transmission of a 3mm thick fused silica window with MgF<sub>2</sub> (400-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 1.75\% @ 400 - 700\text{nm (N-BK7)}</math></p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Transmission T (%) |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 94                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 96                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 96                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 95                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 93                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 95                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 90                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <div><div>Fused Silica with UV-AR Coating<br/>Typical Transmission</div><div><table border="1"><caption>Approximate data for UV-AR Coated Fused Silica Transmission</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>75</td></tr><tr><td>250</td><td>98</td></tr><tr><td>300</td><td>99</td></tr><tr><td>400</td><td>99</td></tr><tr><td>500</td><td>99</td></tr><tr><td>600</td><td>99</td></tr><tr><td>700</td><td>99</td></tr><tr><td>800</td><td>98</td></tr><tr><td>1000</td><td>90</td></tr><tr><td>1200</td><td>80</td></tr><tr><td>1400</td><td>78</td></tr><tr><td>1600</td><td>76</td></tr><tr><td>1800</td><td>76</td></tr><tr><td>2000</td><td>76</td></tr><tr><td>2200</td><td>77</td></tr></tbody></table></div></div> | Wavelength (nm)    | Transmission T (%) | 200 | 75 | 250 | 98 | 300 | 99 | 400 | 99 | 500  | 99 | 600  | 99 | 700  | 99 | 800  | 98 | 1000 | 90 | 1200 | 80 | 1400 | 78 | 1600                                                                                                                                                                                                                                                                                                                                                                                                                                  | 76 | 1800 | 76 | 2000 | 76 | 2200 | 77 | <p>Typical transmission of a 3mm thick fused silica window with UV-AR (250-425nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 1.0\% @ 250 - 425\text{nm}</math><br/><math>R_{avg} \leq 0.75\% @ 250 - 425\text{nm}</math><br/><math>R_{avg} \leq 0.5\% @ 370 - 420\text{nm}</math></p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Transmission T (%) |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 75                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 98                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 99                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 99                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 99                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 99                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 99                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 98                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 90                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 80                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 78                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 76                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 76                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 76                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 77                 |                    |     |    |     |    |     |    |     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |    |      |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <div data-bbox="573 296 1085 403">Fused Silica with UV-VIS Coating<br/>Typical Transmission</div>       | <p>Typical transmission of a 3mm thick fused silica window with UV-VIS (250-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 1.0\% @ 350 - 450\text{nm}</math><br/><math>R_{avg} \leq 1.5\% @ 250 - 700\text{nm}</math></p> <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 data-bbox="567 979 1079 1086">Fused Silica with VIS-EXT Coating<br/>Typical Transmission</div>   | <p>Typical transmission of a 3mm thick fused silica window with VIS-EXT (350-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 0.5\% @ 350 - 700\text{nm}</math></p> <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 data-bbox="573 1656 1085 1762">Fused Silica with VIS-NIR Coating<br/>Typical Transmission</div>  | <p>Typical transmission of a 3mm thick fused silica window with VIS-NIR (400-1000nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 0.25\% @ 880\text{nm}</math><br/><math>R_{avg} \leq 1.25\% @ 400 - 870\text{nm}</math><br/><math>R_{avg} \leq 1.25\% @ 890 - 1000\text{nm}</math></p> <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 data-bbox="569 2329 1077 2436">Fused Silica with VIS 0° Coating<br/>Typical Transmission</div>   | <p>Typical transmission of a 3mm thick fused silica window with VIS 0° (425-675nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 0.4\% @ 425 - 675\text{nm}</math></p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p>                                                                                                                   |



