

TECHSPEC[®] 9mm Diamètre x -18 FL, Lentille Plano-Concave, traité MgF₂



Stock **#45-381** **20+ In Stock**

[D'autres traitements](#)

-

1

+

€40^{,50}

AJOUTER AU PANIER

Prix sur Quantité	
Qté 1-9	€40,50 prix unitaire
Qté 10-25	€36,25 prix unitaire
Qté 26-49	€32,50 prix unitaire
Need More?	Demande de Devis

Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

SPÉCIFICATIONS

Caractéristiques du produit

Plano-Concave Lens	Type:
Propriétés physiques et mécaniques	
9.00 +0.0/-0.025	Diamètre (mm):
Protective as needed	Biseau:
2.25	Épaisseur Centrale CT (mm):
±0.05	Tolérance Épaisseur Centrale (mm):
<1	Centrage (arcmin):
8.1	Ouverture Utile CA (mm):
2.89	Épaisseur au Bord ET (mm):
Propriétés optiques	
-18.00	Distance Focale EFL (mm):
N-SF11	Substrat: ☐
2.00	f/#:
0.25	Ouverture Numérique NA:
MgF ₂ (400-700nm)	Traitement:
400 - 700	Gamme de Longueur d'Onde (nm):
-19.26	Distance Focale Arrière BFL (mm):
R _{avg} ≤1.75% @ 400 - 700nm	Spécification du Traitement:
587.6	Longueur d'Onde à la Focale Donnée (nm):
±1	Tolérance Distance Focale (%):
-14.12	Rayon R ₁ (mm):
40-20	Qualité de Surface:
10 J/cm ² @ 532nm, 10ns	Damage Threshold, By Design: ☐
1.5λ	Power (P-V) @ 632.8nm:
λ/4	Irregularity (P-V) @ 632.8nm:
Conformité réglementaire	
Conforme	RoHS 2015:
Conforme	Reach 219:
Visionner	Certificate of Conformance:

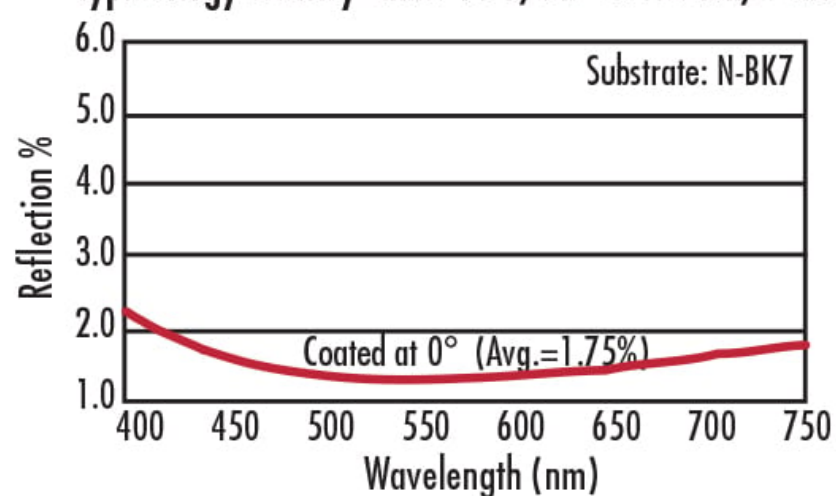
DESCRIPTION PRODUIT

- Traitées AR pour offrir <1,75% de réflectivité par surface entre 400 et 700 nm
 - Conçues pour un angle d'incidence de 0°
 - Différent traitements disponibles : [Non Traitées](#), [VIS-EXT](#), [VIS 0°](#), [VIS-NIR](#), [YAG-BBAR](#), [NIR I](#) et [NIR II](#)
- Les Lentilles Plan-Concaves (PCV) Traitées MgF₂ TECHSPEC® sont conçues pour courber les rayons d'entrée parallèles afin qu'ils divergent les uns des autres du côté de la sortie de la lentille, ce qui fait que cette lentille a une distance focale négative. Ces lentilles peuvent être utilisées pour équilibrer les aberrations créées par d'autres lentilles au sein d'un système en raison de leur aberration sphérique négative. Les lentilles plan-concaves (PCV) sont couramment utilisées dans une variété d'applications, notamment la réduction d'image, l'expansion de faisceau et les télescopes. Les Lentilles Plan-Concaves (PCV) Traitées MgF₂ TECHSPEC® sont idéales pour les applications à large bande. Ces lentilles sont également disponibles [Non Traitées](#) et en options de traitement AR [VIS-EXT](#), [VIS 0°](#), [VIS-NIR](#), [YAG-BBAR](#), [NIR I](#) ou [NIR II](#).

INFORMATIONS TECHNIQUES

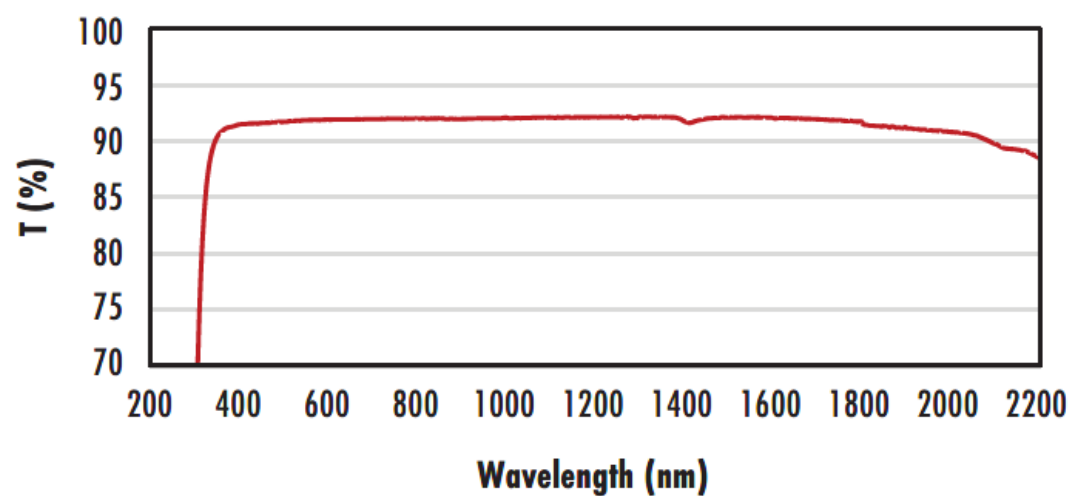


MgF₂ Coating
 $R_{avg} \leq 1.75\% @ 400 - 700nm$
 Typ. Energy Density Limit: 10 J/cm² @ 532nm, 10ns



N-BK7

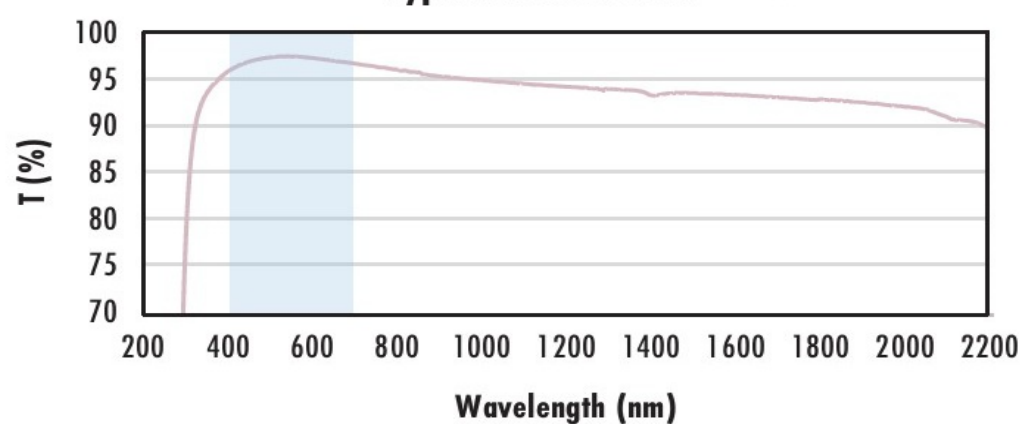
Uncoated N-BK7 Typical Transmission



Typical transmission of a 3mm thick, uncoated N-BK7 window across the UV - NIR spectra.

[Click Here to Download Data](#)

N-BK7 with MgF₂ Coating Typical Transmission



Typical transmission of a 3mm thick N-BK7 window with MgF₂ (400-700nm) coating at 0° AOI.

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

$R_{avg} \leq 1.75\% @ 400 - 700nm$ (N-BK7)

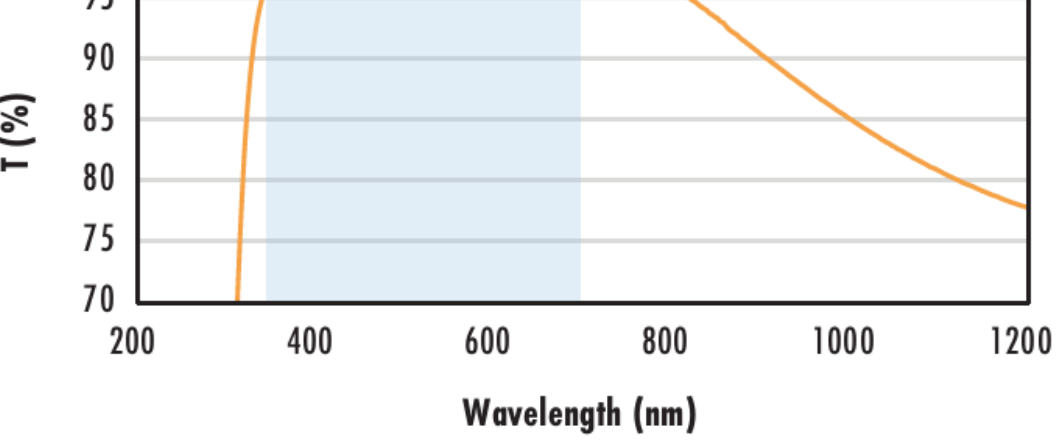
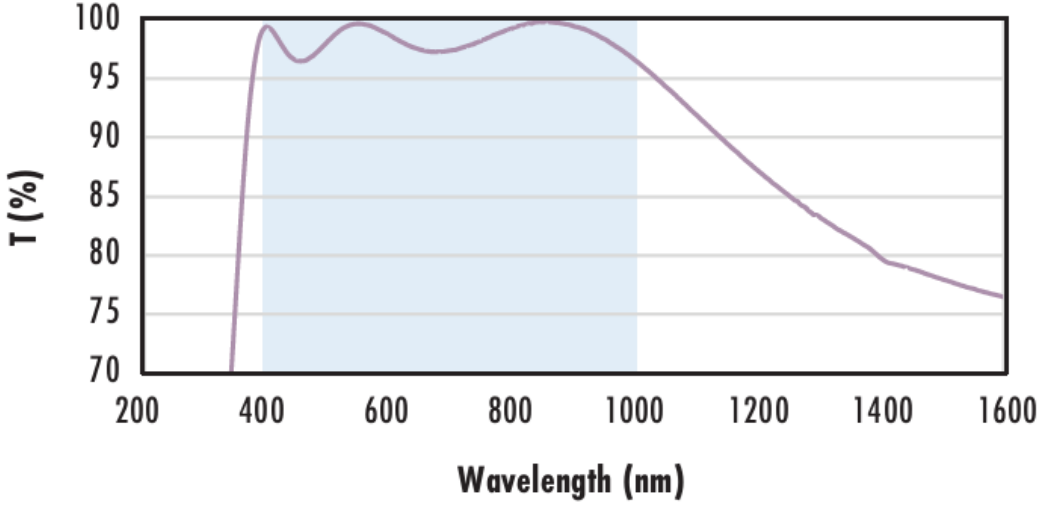
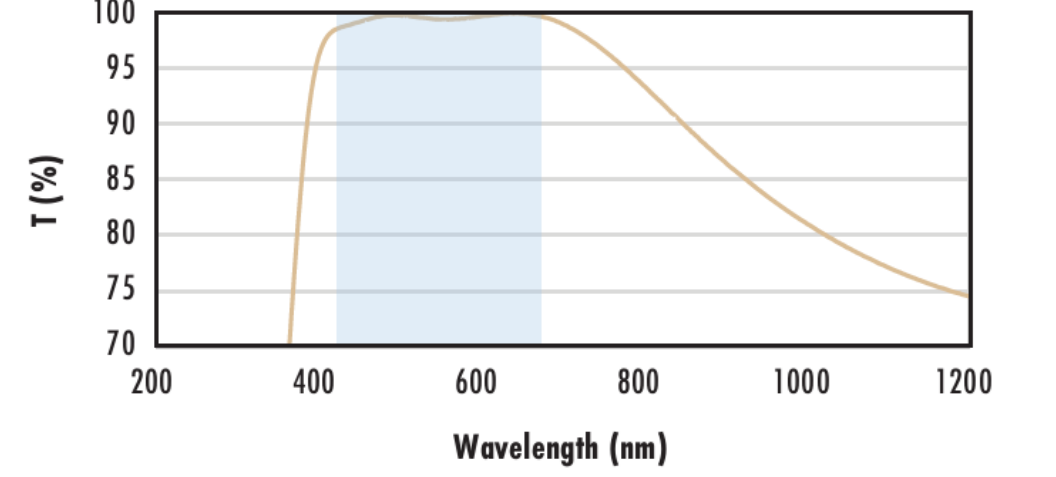
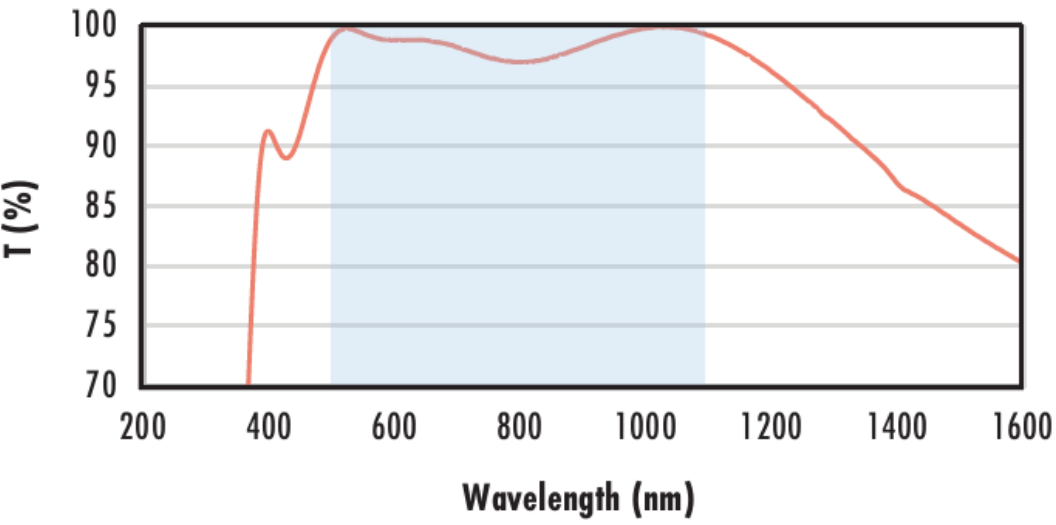
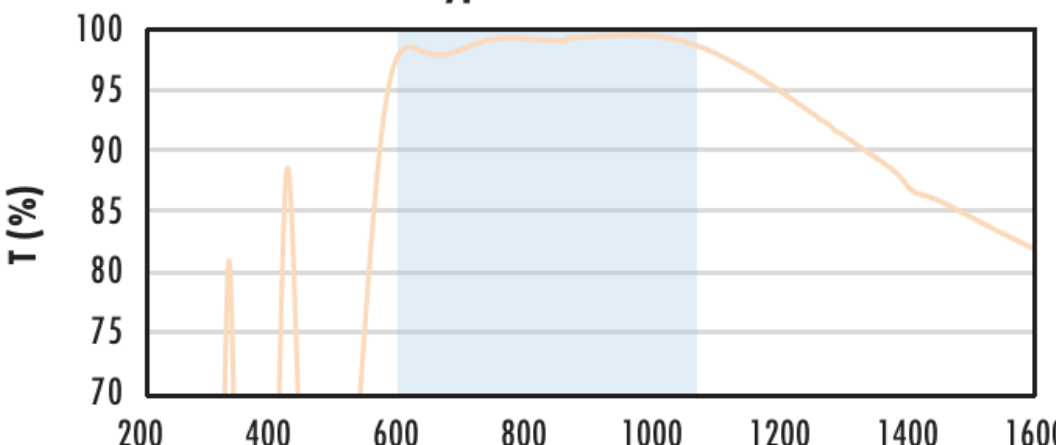
Data outside this range is not guaranteed and is for reference only.

[Click Here to Download Data](#)

N-BK7 with VIS-EXT Coating Typical Transmission



Typical transmission of a 3mm thick N-BK7 window with VIS-EXT coating at 0° AOI.

	Typical transmission of a 3mm thick N-BK7 window with VIS-EXI (350-700nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\%$ @ 350 - 700nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with VIS-NIR Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with VIS-NIR (400-1000nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 0.25\%$ @ 880nm $R_{avg} \leq 1.25\%$ @ 400 - 870nm $R_{avg} \leq 1.25\%$ @ 890 - 1000nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with VIS 0° Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with VIS 0° (425-675nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.4\%$ @ 425 - 675nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with YAG-BBAR Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with YAG-BBAR (500-1100nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{abs} \leq 0.25\%$ @ 532nm $R_{abs} \leq 0.25\%$ @ 1064nm $R_{avg} \leq 1.0\%$ @ 500 - 1100nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data
N-BK7 with NIR I Coating Typical Transmission 	Typical transmission of a 3mm thick N-BK7 window with NIR I (600 - 1050nm) coating at 0° AOI. The blue shaded region indicates the coating design wavelength range, with the following specification: $R_{avg} \leq 0.5\%$ @ 600 - 1050nm Data outside this range is not guaranteed and is for reference only. Click Here to Download Data

