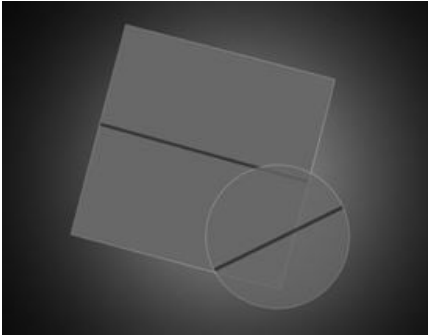


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Commercial Grade NIR Polarizing Film (XP-NIR)



- Optimized Performance Between 800-1000nm
- Ideal for Sensing and Inspection Applications
- Available in Sizes up to 600 x 900mm
- [Near-Infrared \(NIR\) Linear Polarizing Film](#) and [High Contrast Near-Infrared \(NIR\) Polarizing Film](#) also Available for Broadband IR Applications

Common Specifications

General

Note:

Delivered with protective film on both sides
Polarization axis indicated by notch cut into edge (circular parts) or stripe on protective film
Pressure Sensitive Adhesive (PSA) on one side

Physical & Mechanical Properties

Thickness (mm): 0.21 +/- 0.025

Construction: Polarizing Film

Optical Properties

Coating: Uncoated

Extinction Ratio: >160:1 from 800-1000nm (Average, Typical)

Substrate: XP-NIR Polarizing Film

Wavelength Range (nm): 800 - 1000

Polarization Efficiency (%): >99.0 @ 860nm

Transmission, Single (%): 35 +/- 3.0 @860nm

Environmental & Durability Factors

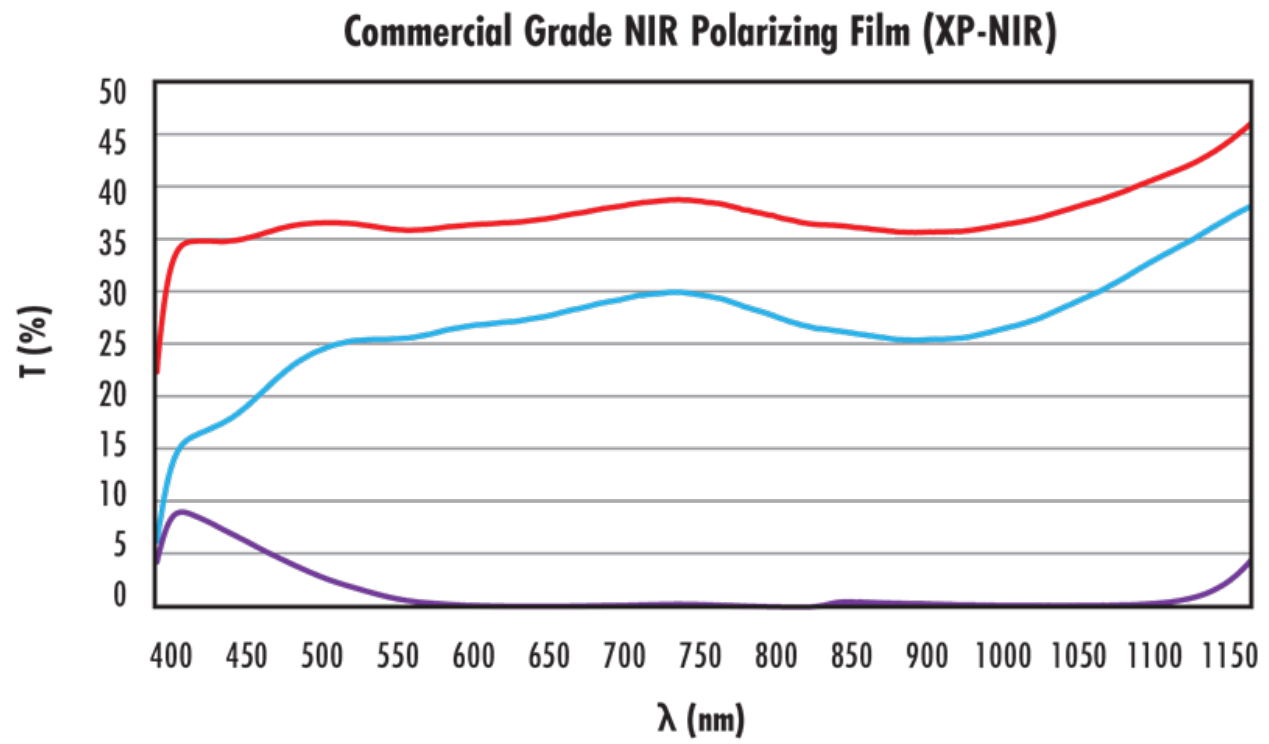
Heat Resistance (°C x Hours):

105C x 500h (dry) Change in single transmittance @ 870nm <+/-5%
60C x 1000h (90% humidity)
Change in single transmittance @ 870nm <+/-5% from initial value, change in polarization efficiency @ 870nm <-3% from initial value



Cold Resistance (°C x Hours):

-40C x 1000h
Change in single transmittance @ 870nm <+/-5% from initial value
Change in polarization efficiency @ 870nm <-3% from initial value

Technical Information



Products

Extinction Ratio	Wavelength Range (nm)	Dia. (mm)	Dimensions (mm)	Stock Number	Price	Buy
#73-337 New						
						
New						
Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!						
>160:1 from 800-1000nm (Average, Typical)	800 - 1000	10.00	-		C\$34.13 Volume Pricing	20+ In Stock
#73-339 New						
						
New						
Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!						
>160:1 from 800-1000nm (Average, Typical)	800 - 1000	20.00	-		C\$40.07 Volume Pricing	20+ In Stock

[#73-344 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

25.00

-

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C\$44.52
[Volume Pricing](#)

20+ In Stock

[#73-346 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

30.00

-

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C\$51.94
[Volume Pricing](#)

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[#73-347 New](#)



New

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>160:1
from 800-1000nm
(Average, Typical)

800 - 1000

40.00

-

C\$59.36
[Volume Pricing](#)

20+ In Stock

[#73-349 New](#)



New

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>160:1
from 800-1000nm
(Average, Typical)

800 - 1000

50.00

-

C\$66.78

20+ In Stock

[#73-351 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

-

10 x 10

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C\$34.13

20+ In Stock

[#73-355 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

-

25 x 25

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C\$44.52
[Volume Pricing](#)

20+ In Stock

[#73-361 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

-

50 x 50

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C\$66.78
[Volume Pricing](#)

20+ In Stock

[#73-362 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

-

75 x 75

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C\$83.10
[Volume Pricing](#)

20+ In Stock

[#73-363 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

-

100 x 100

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C\$111.30
[Volume Pricing](#)

6 In Stock

[#73-364 New](#)



New

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000

-

200 x 200

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C\$289.38

8 In Stock

[#73-375 New](#)



New

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before
anyone
else!

>160:1
from 800-
1000nm
(Average,
Typical)

800 - 1000 - 600 x 900

C\$1,031.38
[Volume Pricing](#)

1 In Stock



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