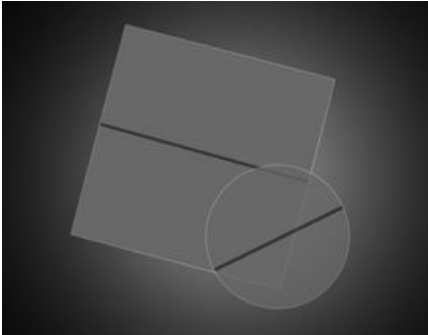


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Commercial Grade NIR Polarizing Film (XP-NIR)



- 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

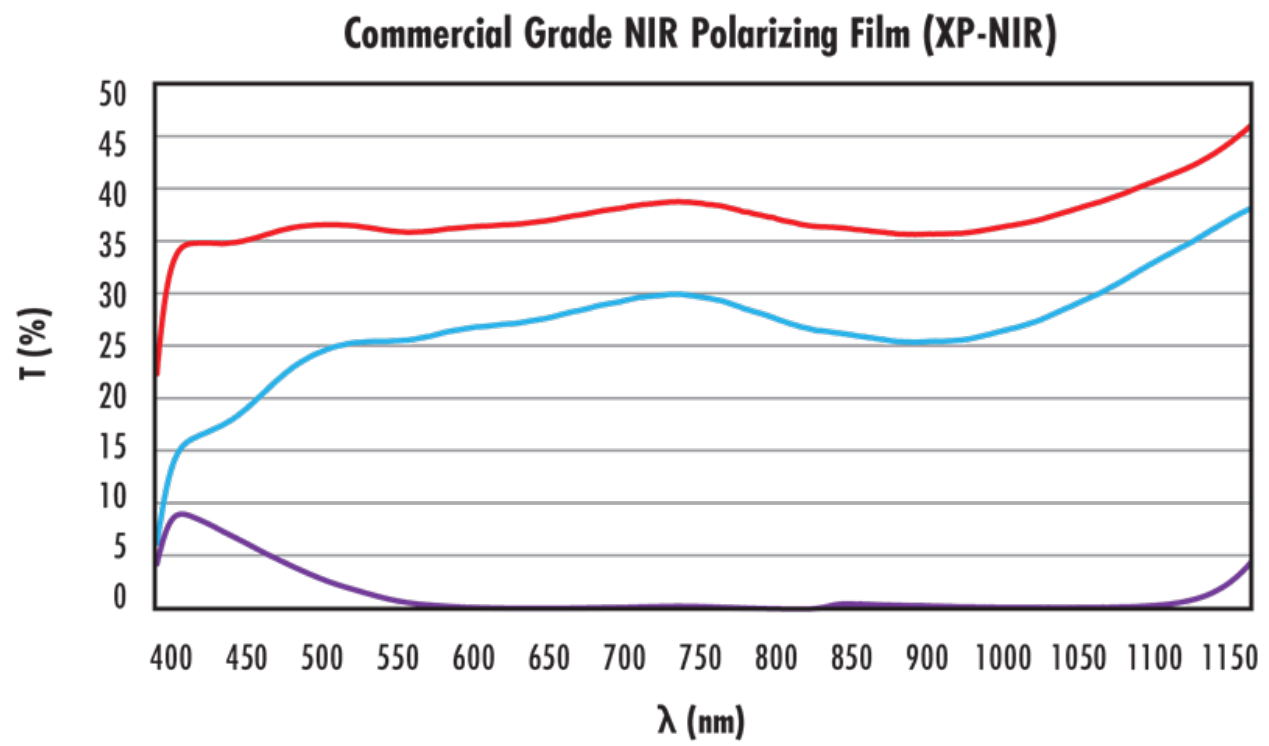
Heat Resistance (°C x Hours):

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	-		₹1,801	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	-		₹2,114	20+ In Stock

[#73-344 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	25.00	-	₹2,349	20+ In Stock
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[#73-346 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	30.00	-	₹2,741	20+ In Stock
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[#73-347 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

40.00

-

₹3,132

20+ In Stock

[#73-349 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

50.00

-

₹3,524

20+ In Stock

[#73-351 New](#)



New

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

800 - 1000

-

10 x 10

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catalogs.
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first to buy
before
anyone
else!

₹1,801

20+ In Stock

[#73-355 New](#)



New

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

800 - 1000

-

25 x 25

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on our
website
before
appearing
in our
latest print
catalogs.
Be the
first to buy
before
anyone
else!

₹2,349

20+ In Stock

[#73-361 New](#)



New

>160:1 from 800- 1000nm (Average, Typical)	800 - 1000	-	50 x 50	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹3,524	20+ In Stock
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[#73-362 New](#)



New

>160:1 from 800- 1000nm (Average, Typical)	800 - 1000	-	75 x 75	Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!	₹4,385	20+ In Stock
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[#73-363 New](#)



New

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

800 - 1000

-

100 x 100

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first to buy
before
anyone
else!

₹5,873

6 In Stock

[#73-364 New](#)



New

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

800 - 1000

-

200 x 200

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website
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appearing
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latest print
catalogs.
Be the
first to buy
before
anyone
else!

₹15,269

7 In Stock

[#73-375 New](#)



New

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on our
website
before
appearing
in our
latest print
catalogs.
Be the
first to buy
before
anyone
else!

₹60,465
[Volume Pricing](#)

1 In Stock

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

800 - 1000 - 600 x 900



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