

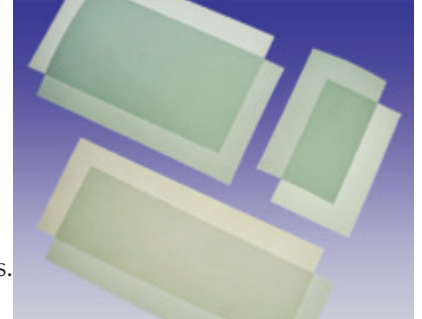
# Quarter Wave Retarders

## Overview:

API offers two versions of quarter wave retarders: medium maximum temperature (65°C) and high maximum temperature (85°C). Both are diacetate (CDA) based with protective masking on both sides.

Our quarter wave retarders offer excellent clarity and low haze combined with uniform birefringence.

API can laminate our retarder films to both acrylic and glass for added durability and improved optics.



## Data:

<b>Product Code</b>	<b>APQW92-004-MT</b>
Description	Medium Temperature Quarter Wave Retarder
Thickness	.004" +/- .002"
Substrate	Cellulose Diacetate
Front Finish	Smooth, Uncoated
Back Finish	Smooth, Uncoated
Transmission	92%
Haze	<1.2%
OPD Retardance	140nm, +/- 10nm (1/4 wave centered at 560nm)
Panel Size	18" x 36" x .004"
Fast Axis Direction	36"
Environmental	-50°C to +65°C

<b>Product Code</b>	<b>APQW92-004-HT</b>
Description	High Temperature Quarter Wave Retarder
Thickness	.004" +/- .002"
Substrate	Cellulose Diacetate
Front Finish	Smooth, Uncoated
Back Finish	Smooth, Uncoated
Transmission	92%
Haze	<.7%
OPD Retardance	140nm, +/- 10nm (1/4 wave centered at 560nm)
Panel Size	18" x 36" x .004"
Fast Axis Direction	36"
Environmental	-50°C to +85°C

