

Half Wave Retarders

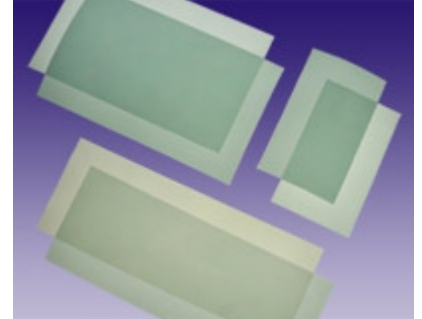
Overview:

API now offers very high performance polycarbonate based half wave retarders.

A maximum temperature of 100°C (dry), .4% haze, and high viewing angle performance help make these wave retarders superior products.

The chromatic polycarbonate half wave has a retardation tolerance of only 12nm across the web, excellent uniformity, and amazing cosmetic cleanliness. We are really excited about this product!

API can laminate all of our retarders to both acrylic and glass for added durability and improved optical performance.



Data:

Product Code	APHW92-003-PC-280NM
Description	560nm (280OPD) Half Wave Retarder
Thickness	.003" +/- .002"
Substrate	Polycarbonate
Front Finish	Smooth, Uncoated
Back Finish	Smooth, Uncoated
Transmission	92% (+0%, -2%)
Haze	<1%
OPD Retardance	280nm, +/- 12nm (half wave centered at 560nm)
Sheet Size (masking on both sides):	457mm x 914mm (18" x 36") fast axis in 914mm direction
Fast Axis Direction	914mm (sheets)
Environmental (no humidity)	-50°C to +100°C (dry heat)

