

See the unseen

The Ultimate in Sunwear Protection

POLAR TECH

CR 39 polarized lenses



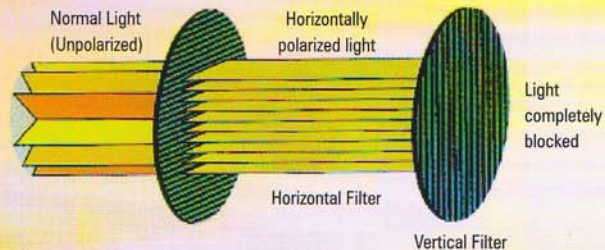
POLAR TECH

Eyes are the most important part of your body. It is the window to the world around us. It is the medium which exposes the beauty of nature around us. As much for the beauty around us. It is also exposed to harmful Ultra Violet (UV) radiation and glare which causes Various eye disorders such as cataracts, photokeratits, and corneal degeneration. To counter these harmful UV rays and glare we need sunglasses that eliminate glare and reduces UV light transmission. Thus the need for polarized Lenses.

Polarized light.. Ambient light or the light we see is comprised of light waves that vibrate in an infinite number of direction. Quite often however, these light waves are reflected off flat or shining surfaces These reflective surfaces concentrate the light.. causing vibrations of these light waves to travel in the same direction as opposed lo being scattered in random fashion. These unidirectional waves which are much more intense than normal light are known as "polarized light" or "glare".

Polarized lenses-the working principle... Light reflected from the surface like a flat road or a smooth water is generally horizontally polarized, resulting in a glare. This horizontally polarized light is blocked at certain angle, while allowing the light lo transmit through select angles. This process called polarization is achieved by shutting out 100% of undesired light and allowing, 100% of desired through. The result is a reduction in annoying and sometimes dangerous glare.

A polarizing filter at work



Much more than ordinary Sunglasses... Ordinary tinted sun lenses merely darken what we see and mask the real problem of glare. POLARTECH polarized lenses are designed lo conquer glare. Water, snow and even pavement create glare that not only blurs vision but also causes squinting, eye fatigue and even impaired acuity- POLARTECH polarized lenses contain a powerful filter that eliminates almost 100% of horizontal glare in standard colors and provides maximum UV protection, by allowing the right amount of light to enter the eyes to enhance peak visual acuity.

The need for polarized sunglasses.. contact lens users suffer heightened discomfort from glare. Glare which is 7 to 10 times brighter than normal light. result in squinting, tired eyes and headaches. Polarized lenses minimize or eliminate the effects of glare versus non polarized sunglasses hence reducing negative side effects. Polarized sunglasses are normally not as dark tinted as regular sunglasses. Regular sunglasses use dark lenses as a means lo reduce the effects of glare - the darkened lenses in regular sunglasses actually darkens the entire vision while polarized lenses allow more of the desired light to get through.

Benefits Of Polarized lenses Safer for eyes by reducing hard reflective glare. Protects against most harmful rays. Reduces eye strain for greater comfort. Does not alter natural colors. Enhances peak visual acuity

Polarized lenses for all... • Commuters • anglers • Car Drivers • Gardeners • Contact lens • Wearers • Hunters • Computer Users • Shooters • Boaters • Construction Workers • Water & Snow Skiers • Truck & Bus Drivers • Snow Mobilers Landscapers



With Polar Tech



Without Polar Tech