



# ESSILOR

Polarised lenses are becoming an increasingly popular feature of prescription sunwear. But what exactly are polarised lenses?

Polarised lenses have a special filter that blocks glare. Glare occurs when natural light waves hit reflective surfaces such as pavement, snow and water that cause the light to be transmitted in a horizontal direction. Glare can

be very harsh to unprotected eyes, and can alter perceptions of shapes, colours and contrast.

**Health and Safety Benefits** - By significantly reducing glare, polarised lenses allow wearers to be in the sun without squinting. In addition, high quality polarised lenses offer 100% UV protection, which shield eyes from sun damage that can lead to cataracts and macular degeneration.

Polarised lenses can also help wearers drive safer. Glare from reflective surfaces can seriously impair driving. Only polarised lenses address glare, regular sunglasses do not. For patients who do a lot of daytime driving, polarised lenses are practically a necessity.

**Outdoor Sports** - Polarised lenses are very popular with patients who enjoy the outdoors. Water sport fans, like fishing and boating enthusiasts, value the way polarised lenses block the glare that bounces off the water. Many skiers likewise appreciate the way these lenses significantly reduce glare from the sun hitting the snow.

**More Vivid Vision** - In addition to health and safety benefits, polarised lenses actually help improve vision - images are sharper, better depth perception and distracting glare is significantly reduced.

**See the difference**



**Buyers Beware** - Not all polarised lenses are the same. Laminated polarised lenses have a filter applied to the outside of the lens that is susceptible to scratching and can wear off over time.

Essilor utilise Wafer and Embedded film technology to manufacture polarised lenses. It incorporates the polarised filter in the lens in a solid construction rather than by lamination. This eliminates the deterioration issues associated with lamination in the past.