

## Sunglass Lenses

Living in Florida, sunglasses are a necessity for the health and comfort of your eyes. Studies have shown that repeated exposure to ultra violet sunlight can cause cataracts, skin cancer, and possibly macular degeneration. Fortunately, today we can block ultraviolet with special coatings, and eye strain can be reduced through the use of polarized lenses. Polarization of lenses greatly reduces the effects of glare from surfaces such as water, glass and metal, thereby relieving the need to squint and making the vision more comfortable.



## *What do you use your eyeglasses for?*

- ♦ *Do you work on a computer?*
- ♦ *Do you play sports?*
- ♦ *Can you work if you lost your glasses? (Spare Pair)*
- ♦ *Are you annoyed by reflections at night time from your glasses?*
- ♦ *Have you ever thought about safety glasses for yard work or the shop?*
- ♦ *Do you have back-up glasses with your contact lenses?*
- ♦ *Do you have prescription sunglasses?*

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# Eyeglasses

**BREVARD  
VISION  
CARE**

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## Single Vision Lenses?

These are lenses that have one focal length and your eye will accommodate as your focus changes from near to far. These lenses are available in many types of materials like plastic, hi-index (lighter and thinner), glass, and transition lenses (turns lighter and darker automatically as the light intensity changes).

Single vision lenses are popular for prescription sunglasses, sports glasses and generally for people who have difficulty with focussing on distant objects.



## Bifocal Lenses

These are lenses that focus objects in the distance, and they also have a small window towards the bottom that will focus on near objects. They are also available in many types of materials like plastic, hi-index (thinner and lighter), glass and transition lenses (turns lighter and darker automatically as the light intensity changes)

## Progressive Lenses

These are lenses that have a variable focus without a discernable line. As you move your eyes from the horizon down through the lens the power increases allowing you to see clear up close. Since there is a progression,

almost every distance that you need is represented in this type of lens. A progressive lens will increase your range of vision (distance from the viewing object) but due to its design it has a shape similar to an hour glass from the center down. The corridor is fairly narrow in the intermediate zone and becomes wider towards the bottom. As a result of its design you will have a limited viewing width when looking up close compared to a bifocal or a pair of reading glasses. However, once you adjust to the design then you will appreciate the increase in the intermediate vision (speedometer, prices in the supermarket, computer screen, etc.)

