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Check out these amazing lens additions.

These lens additions are sometimes skipped over by those buying glasses but they are very helpful.

When buying eyeglasses it is important to explore all your options. These days, opticians offer a wealth of additions to your lenses that can benefit you greatly. Some of them may save you money and others may save your life and your eyesight. These simple lens additions are great for those with any type of lifestyle. You can mix and match these options to suit your needs and provide better use for your glasses. Often they are not very expensive and are covered by your insurance.

## Transition Lenses

Let's start with how transition lenses work. Transition lenses have photo chromic properties that change tints under UVB and UV rays. These tints are due to a dye that helps activate the lens. The dye is embedded in the form of micro-crystalline silver halides or molecules in a glass substrate. The silver halides are taken in the form of silver chloride and work for lenses made from glass material. For glasses made from plastic material, organic photo chromic material is used so that the reversible effect can be achieved. These molecules are extracted in the form of oxazines or naphthopyrans.

These additions react to UV rays and turn darker as a result. They will begin to darken in less than a minute and will continue to darken slightly over a period of time until they finally adjust to allow less light to enter the eye. They never darken to the point of turning into sunglasses but work just as effectively. The lens eventually fades back to their normal color once someone steps away from UV rays.

## Anti Reflective Lens Coating

There are several types of lens coatings and treatments for eyeglasses. These coatings can enhance the appearance of the lens and improve performance. Some common coatings include anti-reflective, scratch resistant and anti-fog coating. Anti-reflective coated glasses are the most beneficial. They solve the most common problem with both sunglasses and prescription glasses. That is that there is always back glare. Back glare is light which hits the back of the lens and bounces into the eyes. This can be dangerous if you are driving or operating heavy machinery during the day. It can also happen at night with strong street and car lights.

Anti-reflective coatings are comprised of numerous layers of metal oxides. When applied to both the back and front of the lens, these coatings have a strong affect on the glasses. They are very similar to the coatings done on camera lenses, telescopes and microscopes. Since there are several layers, anti-reflective coating gives eyeglasses a hint of purple and green. The benefit is they help block reflected light very well. The reduced glare and very few reflections are considered the safest way to drive at night.

Anti-reflective coating should be applied to anyone wearing eyeglasses. It improves your vision at night. The coating makes wearing glasses more comfortable and can protect your eyes from harmful glare that burns your retinas. Anti-reflective glass coating will make working for long hours on the computer less harmful to your eyes as well.

The cosmetic appearance of anti-reflective coating helps minimize internal and external reflections. Especially for someone who takes many pictures with flash cameras, bright lights or outdoors, this can be a huge added benefit. Without that bright reflection, the camera can pick up your eyes. Anti-reflective coating will also make your thick glasses seem thinner, making the eyes more visible to others and helping eye contact with other easier too. If you have high-index lenses, it is a good idea to get anti-reflective lenses to reduce refraction to a great extent.

If you are considering getting anti-reflective coating but are unsure of the cost, make sure you talk to your optometrist. The options for these coatings are endless. There are several companies that boast different products, for different lifestyles at way different prices. Make sure to ask for all the options available to you. This way you can price and discuss the benefits of each. Overall, the cost of getting ant-reflective coating is worth it in comparison to the benefits of this ad on.

This product can save your life, car and can help reduce headaches due to eye strain. Most of these products also make your glasses easy to clean. They offer a slick surface that repels dust and can help your glasses last for a long time. Next time you go to buy new glasses, ask about what reflective coatings are available and how they differ. Youâ€™ll be astounded at how many types there are and how they each offer different benefits.

Author Resource Content:

Learn about amazing additions to your lenses that will benefit you and keep your glasses healthy and looking great for a long time.

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