

REASONS TO OWN MORE THAN 1 PAIR OF GLASSES:

- Distance only Rx / Driving only (glove box pair)
- Watching TV in bed (Multifocals may get in way)
- Sunglass Rx
- Golf Rx
- Computer/digital device Rx
- Safety Rx
- Emergency backup pair
- Reading only Rx
- Room distance progressives
- Sports frame Rx

ASK ABOUT OUR MULTIPLE PAIR SPECIAL!

SPRING HILL EYECARE



See What You've Been Missing!

SPRING HILL EYECARE'S LENS MENU

There are lots of options to consider when looking at prescription lenses. The best way to select lenses is to determine your needs based on your lifestyle, and then discuss the lens solutions with us.

Give Us Your Feedback



Social-Eyes with Us!



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EVOLUTION OF MULTIFOCAL LENSES



Lined Bifocal/Trifocal (Basic) Invented by Ben Franklin. Has 2-3 portions for different focal points.



Standard Molded-Design Progressive (Better) No line-multifocal. "One size fits most design." Reading zone is predetermined by a front molded design. Distance Rx is ground onto back surface.



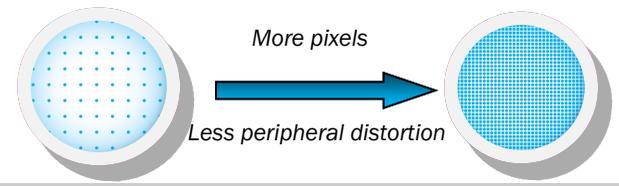
High Definition Digital Progressive (Best) Distance & reading Rx digitally surfaced on back of lenses (closer to eyes) providing up to 30% wider fields of vision and reducing peripheral distortions. Tailored to your frame & face.

DIGITAL LENSES

Do you wish your glasses could provide wider fields of view and less peripheral distortions like contact lenses? Digitally surfaced lenses are not just for progressives as mentioned above. They are great for:

- High Prescriptions
- Those sensitive to Rx changes
- Wrapped sunglasses
- Occupational/computer lenses

These personalized prescription lenses are fabricated to be 6x more accurate than traditional lenses (up to 1/100 of a diopter in accuracy). This enables the prescription to stay true to what the doctor ordered.



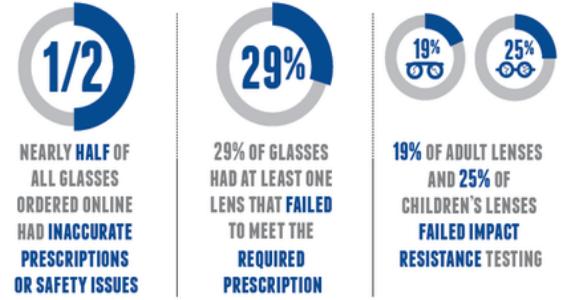
Digital lenses are similar to high quality digital cameras. The higher the pixel count the higher the degree of resolution. This results in in crisp vision with unmatched depth & clarity. Prior to fabricating these lenses for you, we not only measure your pupillary distance (PD), but also measure both the wrap and tilt of your frame and the distance from your lenses to your eyes.

DEFINITIONS OF REFRACTIVE ERRORS:

- MYOPIA:** aka nearsightedness. Usually able to see near objects, but distant objects appear blurred. The eyeball is too long or the cornea is too steep, so images are focused in front of the retina.
- HYPEROPIA:** aka farsightedness. Usually able to see far objects, but have trouble focusing on near objects. Light focuses behind the retina because the eye is too short or the cornea is too flat
- ASTIGMATISM:** Blurred vision due to irregular curvature of the cornea or lens preventing light rays from meeting at a common focus point. The eye is shaped like a football rather than a baseball.
- PRESBYOPIA:** A progressively diminishing ability to focus on near objects with age. Caused by a loss of elasticity of the crystalline lens and power of the ciliary muscles. 1st symptoms are usually noticed around the age of 40.
- PSEUDOPHAKIA:** is when an artificial lens implanted after the natural lens has been removed during cataract surgery.
- ACCOMMODATIVE INSUFFICIENCY:** is a condition in which a patient has an inability to focus or sustain focus at near. Several management options are available including glasses or vision therapy.
- DIGITAL EYE STRAIN:** is defined as the physical discomfort felt after sustained periods of close or mid-range distance of a digital device such as a desktop or laptop computer, tablet, e-reader, or cell phone.
- AMBLYOPIA:** aka lazy eye is the loss or lack of development in one eye that is unrelated to any health problem and is not correctable with lenses.

BUYER BEWARE!
 A Closer Look at Ordering Eyeglasses Online

ACCORDING TO A RECENT STUDY¹:



Every Pair of Eyeglasses Must Be Custom Fit to Ensure Comfort, Quality and Accuracy

Eyeglasses that aren't properly fitted can cause:
 • Discomfort • Additional vision problems • Headaches



Spring Hill Eyecare's Ophthalmic Lens Menu



WEAR SCHEDULE

FTW: Full-Time Wear **PRN:** As-Needed
DVO: Distance Vision Only **NVO:** Near Vision Only
CLASSROOM: Schoolwork/Homework-not recess/PE
SCREENTIME: Computer/tablet/e-reader/cell phone

1°: PRIMARY PAIR; **2°, 3°, ETC :** ALTERNATE PAIR(S)

LENS TYPES

SINGLE VISION: this all-purpose lens is available in all materials and provides vision correction for one viewing area. The corrected area can be for: general purpose; distance; intermediate; or near. Available in digital (high-definition).

MULTIFOCALS: recommended when you require correction for both distance and near viewing areas in one single pair of glasses. Available as no-line progressives, bifocals and trifocals.

***No-Line Progressives:** designed to allow you to see at distance (driving a vehicle), intermediate (looking at the dashboard), and near (reading a map) with no lines or sections. The absence of bifocal lines makes this the most desirable cosmetically. You will also enjoy continuous vision from far to near with this design. Available in digital. See previous section on high-definition.

***Bifocals / Trifocals:** provide both far and near correction in one lens. A visible line divides the two or three areas providing a visible segment for near viewing. Trifocals offer an intermediate zone.

LENS TREATMENTS

UV PROTECTION: the sun's ultraviolet rays pose potential harms to your eyes. We recommend UV protection on all our lenses. UV filters for your lenses accomplish the same thing as sunscreen does for your skin.

SCRATCH RESISTANT COATING: highly recommended to protect your lenses from everyday wear-and-tear. Protecting your lens surface prolongs the usefulness of your lenses and protects your investment in good vision.

NON-GLARE COATING: a special coating that reduces distracting reflections. The results are: more transmitted light, better quality of vision, improved night vision, and reduced eye fatigue. Great for working on a computer and driving at night, these lenses also offer a cosmetically appealing "invisible lens look" that makes the lens "disappear" and shows your eyes more clearly.

TRANSITIONS®: lenses that darken in the sunlight and lighten indoors. Improved technology provides you with a lens that is virtually clear indoors and as dark as sunglasses outdoors and protects you from harmful UV light. Options include Signature®, XTRActive®, and Mirrors®.

ROLLED & POLISHED EDGES: cosmetically make thick edges look cosmetically better.

ASPHERIC: reduces the effect of your eyes looking larger or smaller behind your glasses. Plus, the image remains more clear when you look through the sides of the lenses and the lenses are thinner.
 Note: All PROGRESSIVES are aspheric.

LENS MATERIALS

CR39 PLASTIC: lighter than glass lenses and can be tinted to almost any color and shade. Not shatter-resistant..

TRIVEX™ / POLYCARBONATE: our office recommends high impact resistance lenses because of their incredible light weight, safety, due to their high impact resistance and UV protection. We recommend these for children, teens, active adults, occupational safety, and anyone who needs superior protection. Trivex™ has less optical distortions and aberrations than polycarbonate.

HIGH-INDEX: thinnest and lightest material for stronger prescriptions. Comfort and cosmetics without compromise. More glare so non-glare coating needed.

TRI-BRID™: a new combination of the impact resistance of Trivex™ while being thinner and lighter like high-index.

KID'S MENU (<18YO):

We recommend high impact-resistant polycarbonate, Trivex™, or Tri-Brid™ lenses. The most impact resistant lenses on the market, they also provide a UV filter. They are a great choice for the active youngster or teen to give great overall protection. They can be combined with Transitions® to add protection from bright glaring sunlight & anti-reflective coating to eliminate glare.

POLARIZED SUNGLASSES:

The best option for eliminating glare. Any surface can create glare in sunlight, especially water, snow, sand, windows, dashboards, and buildings. Polarization eases eye strain and fatigue in bright sunlight.

SPECIALTY LENSES

SAFETY GLASSES: special occupational designs allow us to customize lenses for almost any occupation, hobby, visual, or safety requirement. Safety frames must be stamped with the ANSI Z87.1 logo.

SPORTS: regular glasses are actually dangerous for sports. Improve safety & performance and enhance your enjoyment with sports glasses. Different sports require different safety ratings for sports frames.

SCREENTIME LENSES:

If you work at on digital devices at least 2 hours per day, you may need a digital device lenses. These *lenses are custom designed to provide the best vision for you while working in front of a screen.

***BluTech®/Blue Zero™:** With the increased use of mobile phones, iPads, tablets and compact fluorescent and LED light bulbs, exposure to high-energy blue light is commonplace. There is also a growing body of evidence that cumulative lifetime exposure to blue wavelength light increases the risk of age-related macular degeneration. Blue light, which scatters easily, can also reduce contrast and add to eye fatigue, or digital eyestrain, which is now the number one computer-related complaint in the U.S. Blue light disrupts the body's biological clock – the circadian rhythm – resulting in sleep problems.

***Relax™/Anti-Fatigue:** a specialty single vision lens designed specifically to relieve your eyes of making so many small muscular adjustments that your eye has to make to stay focused while working on a computer, phone or tablet.

***Business Progressives:** these no-line multifocals have maximized optics for office environments. They are a great additional pair for all visual tasks performed in the near range with wider reading and intermediate zones. Options include the Office™, Computer™, & Workspace™.