

Phoenix Lens Material

Provide employees with the perfect combination of durability & visual clarity

Material Features:

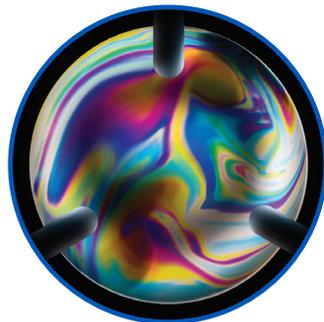
- High Impact resistance rating per ANSI Z87.1
- 60 times more impact resistant than standard plastic
- Twice as scratch resistant as polycarbonate
- Provides 100% UVA and UVB protection
- Temperature resistant
- The lightest lens material available today
- Tough against harsh chemicals and solvents which typically crack polycarbonate lenses
- Higher Abbe value of 43 vs. 30 for polycarbonate, which means less color distortion in the periphery of the lens

Chemical Resistant: Harsh chemicals like ammonia, acetone and ethyl alcohols are known to attack polycarbonate lenses and cause cracking. The cracking and/or fogging typically emanates from the edge of the polycarbonate lens and can occur rapidly. Cracked lenses are a hazard because they do not have their original impact strength. They are not compliant to the ANSI standard. Employees should be encouraged to report and replace eyewear with cracked lenses immediately. That is why we highly recommend Phoenix lenses over polycarbonate.

Lens comparison as viewed through an illuminated polarized filter



Phoenix



Polycarbonate

Phoenix withstands the impact from a 1/4" diameter steel ball traveling at over 100 mph



Phoenix



Other Lenses

Recharge Lens Treatment

Today's working environments require new eyewear solutions. A simple enhancement on your eyeglass lenses can help.

Exposure

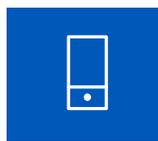
Our exposure to High Energy Visible (HEV) light has grown more prevalent with the use of LCD and LED lighting.



Overhead lights



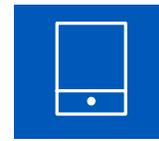
Hand-held scanner



Smart phones



Computer screens



Tablets

Risks

This constant exposure to technology is a shock to our eyes, causing enough discomfort that can result in lost productivity, employee absences and potential unsafe work conditions. Your employees can experience headaches, eye irritation, tired eyes, light irritability and more. The majority of your employees are not aware that there are lenses specifically designed to minimize symptoms associated with digital eye strain.

Recharge Anti-Reflective Coating

Helps reflect harmful blue light away from the eyes and is suitable for employees working where LED or Xenon lighting is present including in front of monitors, cell phones, tablets computer operators, and those who operate machines that have monitors for CNC controls.