



**Economy to Specialty
Safety Glasses**

According to MIT, an estimated 1000 eye injuries occur per day in American workplaces.

- Most injuries occurred when the person was not wearing eye protection or was wearing the incorrect type.
- About 70% of accidents involved small particles that were released when something exploded, fell, or broke, and from operations that produce chips or dust. These particles travel faster than you can react.*

Wearing safety glasses at work is usually mandated, but their use is further ensured when they fit and we look good in them. Now we can feel good *about* them as well.

Body Glove's flattering, lightweight, and comfortable eyewear provides affordable solutions that employees will want to wear.

Body Glove Bio™ 459 Series glasses meet the current ANSI Z87.1-2010 high-impact testing standard.

Tough polycarbonate lenses protect the eyes from debris injuries and provide 99% protection from UVA and UVB radiation.

* Massachusetts Institute of Technology Environment, Health and Safety Office: <http://web.mit.edu/environment/ehs/topic/glasses.html>



ASTM D5511 ongoing testing

459 Series Safety Glasses Part # 90606, 90608, 90609





Lessen Your Footprint

**Body Glove Bio™
459 Series Eyewear**

The 459 series glasses are made using treated polycarbonate that, when buried in a landfill, attracts microbes which digest the plastic.

Our polycarbonate safety glasses were found to biodegrade an average of 22.5% in the first 308 days under conditions that simulate a biologically active landfill* using ASTM D5511.**

These glasses are designed to be converted to humus (balances soil pH, helps keep soils aerated) and methane (in anaerobic) or CO₂ (in aerobic conditions) in a small fraction of the time it takes untreated plastics to degrade just to smaller bits of plastic.

Stylish, ANSI Z87.1-2010 compliant Body Glove Bio 459 Series glasses will help meet your corporate and personal environmental goals.

Sporty, sculpted, semi-rimless frames. Softer temple ends and nose pads gently grip for secure, comfortable fit. Glasses come to you packaged in a pouch made with corn starch.

Eyewear starts to degrade only after it's buried in a landfill or similar environment.

** Actual biodegradation rates vary in landfills according to moisture level. Present tests at ~45% solids content are representative of wetter landfills, such as in the southeastern US.*

***ASTM D5511 specifies "This test method may also resemble some conditions in biologically active landfills where the gas generated is recovered and biogas production is even actively promoted."*



459 Series		
Frame Color	Lens Color	Part Number
White	Clear	90606
Silver Metallic	Clear	90608
Silver Metallic	Dark	90609



ANSI Z87.1-2010
ASTM D5511