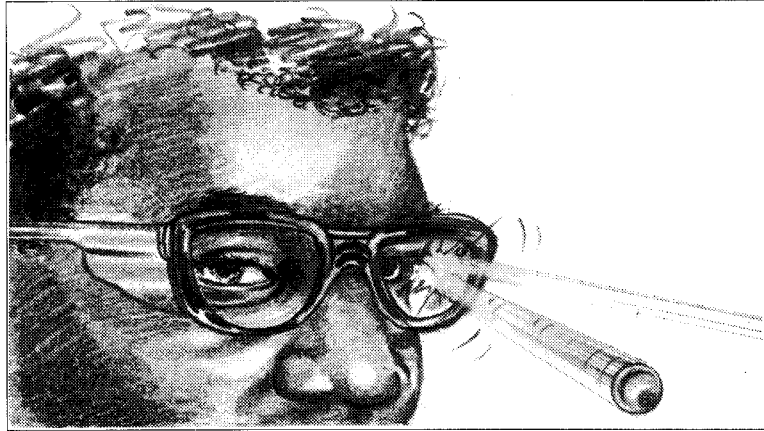


# Eye and Face Protection

## Safety Glasses

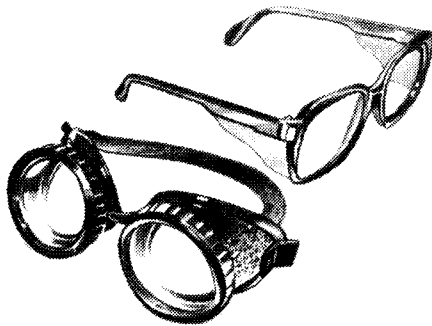
*If your job involves hazards from dust, flying objects or particles that may strike you from in front, you should be using some form of safety glasses. If you normally use a faceshield in operations such as welding, you also need to wear safety glasses under your faceshield. The good news about safety glasses is that you can now get them in attractive styles that are at home in both the workroom and the boardroom.*



**Safety glasses are strong enough to withstand the impact of a quarter-inch steel ball traveling 150 feet per second.**

### What Makes Them “Safety” Glasses?

Resistance to impact is the main difference between safety glasses and regular glasses, which often look just like them. The American National Standards Institute (ANSI), which sets standards for safety glasses, requires them to withstand the impact of a quarter-inch steel ball traveling 150 feet per second. You can't depend on your prescription glasses for this kind of protection. Frames stamped with the imprint “Z87” meet stringent standards for strength and heat resistance.



**Glasses with side shields provide more protection when hazards come from the side. Eye-cup shields offer the greatest protection when hazards come from above and below as well as the side.**

### Kinds of Safety Glasses

It is important to remember that standard safety glasses protect against impact from the front only. For this reason you can also get safety glasses with side shields to provide limited protection from the side for tasks such as sanding, buffing, and drill-press work. When hazards come from above and below as well as the side, as in lathe work or other high-speed cutting and shaping operations, safety glasses with eye-cup side shields, which curve around the eye area, offer the greatest possible protection. If you need still more eye protection, consider using goggles or a face mask over your safety glasses.

### Types of Lenses

What kind of lens is best for you? Glass lenses resist scratches and chemical damage and are easy to use in prescription glasses, but they are much heavier than other materials and shatter more easily. Although polycarbonate and plastic lenses do not resist scratching as well, they are much lighter and are more impact-resistant than glass lenses. You can even get safety glasses with prescription lenses.

### Care and Use

Your safety glasses are designed to protect you from accidental injury. They will not withstand repeated impact or abuse, however. Inspect them regularly for scratches, cracks or other wear and replace them if they are scratched, bent or uncomfortable. Scratches not only interfere with your ability to see what you're doing—a hazard in itself; they also can weaken the structure of the lens and its resistance to impact. Lenses can be coated with special substances to keep them from fogging up or to make them more scratch-resistant. Keep your glasses clean according to the manufacturer's instructions (clean plastic lenses *only* under running water to avoid scratching them) and store them in a clean dry place, preferably in a case with your name on it. You may need to wear a headband or straps with your glasses to keep them from falling off.

Taking care of your glasses according to company policy and, above all, using them, will help you “look” your best on the job. 