



Shop Safety Tips

Personal Protective Equipment (PPE) - Eye Protection Selection

The selection of Personal Protective Equipment (PPE) for work in the wood shop is critical for your safety and comfort. The following are some tips for selecting eye protection PPE.

Safety Glasses—*minimum protection*

- Use only ANSI Z87.1 certified industrial eye protection with Z87 on the frames/lens. Normal street wear **does not provide adequate eye protection in the shop.**
- **Contact lenses do not provide eye protection.** Contact lenses may present a significant corneal abrasion risk when working in dusty areas unless tight fitting goggles are worn.
- Polycarbonate or Trivex® lenses should be used when working in the wood shop. New prescription safety glasses with polycarbonate lenses should be hard-coated to reduce scratching.
- Safety glasses without a prescription are called “Plano” and should have side protection.
- Safety glasses without side shields are for general working conditions where there may be *minor* dust, chips, or flying particles.
- Goggles should also be worn over prescription safety glasses in high dust environments. If prescription safety glasses are worn alone, they should have side shields.



Non-prescription (Plano) Safety Glasses with wrap-around side protection



Prescription Safety Glasses without side shields



Shop Safety Tips

Hybrid safety glasses/goggles—*better protection*

- Hybrid eye safety products have the comfort that glasses offer as well as the enclosure of goggles and ventilated safety glasses.
- Close fitting safety glasses with a good fit between the body and lens provide better protection from dust and flying particles than conventional safety glasses.
- Wrap-around safety glasses that convert to goggles with a soft plastic/rubber face seal may offer better peripheral vision than conventional goggles.



Goggles— Provide added *protection*

- Use goggles for higher impact protection, greater dust, and chemical splash protection.
- Goggles for splash or fine dust protection should have indirect venting. Use direct vented goggles for less fogging when working with large particles.



Dust/Chemical Goggle



Shop Safety Tips

Face Shields—*Additional protection*

- Use face shields for highest impact, full-face protection for spraying, lathe work, grinding, applying finish on a lathe or chemical splash exposures.
- The curve of the face shield will prevent finish, wood chips or chemicals coming from the side into the eyes. **Always wear safety glasses or goggles under a face shield.**



Clear face shield with a crown protector