

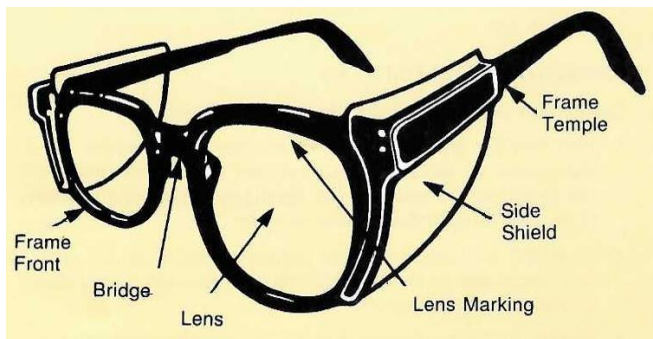


SAFETY INFOGRAM

HOW TO RECOGNIZE SAFETY GLASSES

Lenses: CSA-certified safety glasses have glass, plastic or polycarbonate lenses. They are stronger than regular lenses, are impact-resistant, and come in prescription and non-prescription (piano) forms.

Lens Marking: The manufacturer's logo is marked (or etched) on all approved safety lenses.



Frames: Safety frames are stronger than street-wear frames and often heat resistant. They are designed to prevent lenses from being pushed into the eyes.

Frame Imprint: All CSA-certified safety frames have the imprint "Z94-3" stamped on them and may have CSA logo imprinted on the temple.

FIT

- ENSURE your safety glasses fit properly. Eye size, bridge size and temple length all vary, so safety glasses need to be individually assigned and fitted.
- WEAR safety glasses so that the temples fit comfortably over the ears. The frame should be as close to the face as possible and adequately supported by the bridge of the nose.

CARE

Safety glasses need maintenance.

- CLEAN your safety glasses daily. Follow the manufacturer's instructions. Avoid rough handling which can scratch lenses. Scratches impair vision and can weaken glass lenses.
- STORE your safety glasses in a clean, dry place where they cannot fall or be stepped on. Keep them in a case when they are not being worn.
- REPLACE scratched, pitted, broken, bent or ill-fitting glasses. Damaged glasses interfere with vision and do not provide adequate protection.

COMPARISON OF LENS MATERIALS

MATERIAL	ADVANTAGES	DISADVANTAGES
Glass	<ul style="list-style-type: none">• Scratch resistant• Superior visual transmission• Superior infra-red/ ultraviolet filter• Greatest number of special-purpose lenses available	<ul style="list-style-type: none">• General-grade impact resistance• Pits weaken impact resistance• Heavier than polycarbonate or plastic
Polycarbonate	<ul style="list-style-type: none">• Strongest material for impact resistance• Lightweight - 37 percent lighter than glass• More flexible than glass; lenses easier to change• High visual transmission (91 percent)	<ul style="list-style-type: none">• Scratches more easily than glass• Limited choice in tints
Plastic	<ul style="list-style-type: none">• Stronger than glass• More choice of tints than polycarbonate• Lightweight - 40 percent lighter than glass• Sheds metal splash and spatter the best	<ul style="list-style-type: none">• Scratches more easily than Polycarbonate• Weaker on impact than polycarbonate

NOTE: Polycarbonate and plastic are the only two lenses which are CSA-certified.

Refer to SAFETY INFOGRAM K03 for information on selection.