

FRANK'S REPORT:

EYE PROTECTION DICTIONARY

ADJUSTABLE TEMPLE:

The manipulation of the temple in length in order to accommodate various sized faces, depending on how far the ears are away from the eyes.

ANSI Z87.1-2003:

The American standard by which safety glasses are measured for protection and safety.

ANTI-FOG:

A coating or solution that reduces or eliminates lens fog during sudden shifts of temperature.

ANGLE ADJUSTMENT:

The ability to tilt or pivot the temple up and down, in order to provide a comfortable or specific fit. *See Ratcheting Temple and Pivoting Temples.*

AMAZING:

See Ladies Man.

BASE LENS:

The amount of protection provided by a lens. A higher base number increases the amount of protection.

BIFOCAL:

A lens with magnification in the bottom half. Individuals with ailing vision often use them. They can also be helpful for detail work.

BROW PROTECTION (Brow Guard):

Usually a pad or strip of plastic placed on the top of the safety glasses in order to protect debris from entering through the top of your glasses. They can also add comfort.

BUFFOON:

A ludicrous or bumbling person; a fool.

CE-EN166:

The European standard by which safety glasses are measured for protection and safety.

CSA Z94.3:

The Canadian standard by which safety glasses are measured for protection and safety.

DIOPTER:

The strength of magnification on bifocal safety glasses. A higher number provides stronger magnification. *See Power.*

DUAL LENS:

A single lens with an additional lens molded around it for additional protection. Protection is usually added to the brow and side area.

EYE PROTECTION:

Describes anything that prevents eye injury. Most commonly made of plastic.

FILTERED:

A lens commonly used in welding applications such as torch brazing and soldering.

FRAME:

The plastic or metal body that holds the lens in place, and is usually connected to the temples of your safety glasses.

FRAMELESS:

Safety glasses in which the lens is attached directly to the temples, and there is no frame.

FRANK:

Frank is Safety Glasses Inc.'s spokesman. He's been with the company since the beginning, and from what we can tell, is paid in peanut butter and jelly sandwiches. He professes to be quite the ladies man, and has an encyclopedic knowledge of misinformation. *See Buffoon.*

GREEK ADONIS:

See Frank.

LADIES' MAN:

See Greek Adonis.

LENS:

The plastic, usually polycarbonate, which protects your eye from projectile. The frame or temples hold the lens in place.

NON-SLIP:

Temples and nosepieces outfitted with rubber to prevent safety glasses from falling off or drooping.

NOSE BRIDGE:

Connects the two lenses together and rests on the top of your nose.

NOSE PIECE:

Refers to the piece of rubber or plastic that straddles the side of your nose.

NYLON FRAMES AND TEMPLES:

Lightweight plastic that is used to eliminate the weight and stress of wearing safety glasses.

PIVOTING TEMPLES:

The ability to tilt or adjust the angle of the temple up and down in order to provide a comfortable or specific fit. *See Ratcheting Temple and Angle Adjustment.*

POLARIZED:

A gray lens with a mirror coat specifically designed for outdoor use on bright days. Provides excellent color clarity.

POLYCARBONATE:

The plastic most commonly used for safety glass lenses. It is lightweight, strong, and protects against 99.9% of the sun's harmful UV rays.

POWER:

The strength of magnification on bifocal safety glasses. A higher number provides stronger magnification. *See Diopter.*

RATCHETING TEMPLE:

The ability to tilt or pivot the angle of the temple up and down in order to provide a comfortable or specific fit. *See Pivoting Temples and Angle Adjustment.*

RUBBER FINGERS:

Small rubber ridges on nosepieces. They offer self-adjusting comfort and minimize slippage.

SCRATCH RESISTANT COATING:

A thin layer applied to make safety glasses stronger and resist scratching

SIDE SHIELDS:

Plastic or rubber added to safety glasses to cover the gap near the outer sides of your eyes.

SIDE PROTECTION:

Usually achieved by more coverage toward the outer peripheral area of your eye

SINGLE LENS:

One piece of plastic that covers both eyes. Single lenses frequently feature half frames and offer brow protection.

TEMPLES:

The plastic or metal that stretches from the frame of your safety glasses to your ears.

TEMPLE TIPS:

The end of the temple by your ear. These are often covered in rubber for comfort.

UNIVERSAL:

Designed to fit a wide range of users.

UV PROTECTION:

Defense against the sun's harmful ultraviolet rays. All polycarbonate lenses offer 99.9% UV Protection.

WRAPAROUND LENS:

A lens style that fits close to the face and provides excellent coverage.



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