

**V3G®**

Next generation of V2G

**Black Frame with Temples and Strap**

Part	Lens
GB8210ST •••••	Clear Anti-Fog
GB8210STK •••••	Clear H2X Ultra Anti-Fog
GB8220ST •••••	Gray Anti-Fog
GB8230ST •••••	Amber Anti-Fog
GB8280ST •••••	Indoor/Outdoor Mirror Anti-Fog

**Black Frame with Temples and Strap**

Part	Lens
GB8210STRX •••••	Clear Anti-Fog

- Lens and frame vented to increase air flow.
- Improved flame resistant foam padding forms perfect seal to keep out dust and airborne particles.
- Headband and temples feature ratchet adjustment for perfect fit, features quick fit retainer. Improved interchangeable temples and headband included with each pair of V3G.
- 9 base curved lens provides full side protection, treated to prevent fogging and self seal small scratches, provides 99.9% protection against harmful UV rays.
- Passes MIL-PRF 32432 High Velocity Impact Standards.

**GENERAL SPECIFICATION**

Bridge: 22mm
Closest Point Between strap holding parts (temples): 144mm (53.3mm)
Lens Base: 9 Curve
Lens Size Diagonal: 142.5mm
Lens Size Vertical: 55.2mm
Lens Thickness: 2.1mm
Overall Length (Lens-Tip): 76mm (goggle/temple version)
Overall Width (Hinge-Hinge): 141mm (spectacle version)
PD: 68mm
Weight: 47gm (goggle) / 44gm (spectacle)
Strap Length: 417mm (goggle) / 158mm (temples)







**PACKAGING**

Polybag: 1pc

Inner Box: 12 pcs

Case: 144 pcs

COMPONENT	MATERIAL	FEATURES
Lens	Polycarbonate	9 base single lens
Frame	Nylon	Flexible fitting body with indirect ventilation
Foam	CR(up) + EVA (down) foam	Flexible material with cushion provides the top protection from dusts and flying particles with the best fit and comfort
Nose Piece	CR Foam	Universal, integral to foam carriage
Ratchet	Polycarbonate	Hinges are pin-insert style, integral with 3-position angle adjustable structure
Temple	Polycarbonate	Straight side sports style
Temple tip	TPR	Soft and flat without pressure
Temple Strap Holder	Nylon	Sewed with thin strap
Goggle Strap	Polyester	Adjustable textile elastic fixed on strap holders with quick release parts
Goggle Strap Holder	Polycarbonate	Sewed with wide strap

PART	LENS	LENS MARKING	FRAME MARKING
GB8210ST	 Clear Anti-Fog	P Z87 + U6	P Z87 + / P c SEI CAN/CSA Z94.3-07
GB8210STK	 Clear H2X Ultra Anti-Fog	P Z87 + U6	P Z87 + / P c SEI CAN/CSA Z94.3-07
GB8220ST	 Gray Anti-Fog	P Z87 + U6 L2.5	P Z87 + / P c SEI CAN/CSA Z94.3-07
GB8230ST	 Amber Anti-Fog	P Z87 + U6	P Z87 + / P c SEI CAN/CSA Z94.3-07
GB8280ST	 Indoor/Outdoor Mirror Anti-Fog	P Z87 + U6 L1.7	P Z87 + / P c SEI CAN/CSA Z94.3-07
GB8210STRX	 Clear Anti-Fog	P Z87 + U6	P Z87 +

**LENS MARKING****Symbols:**

P: Manufacturer's mark

Z87: ANSI standard for Eye and Face protection devices

+: High Impact

H: Small Head Size

S: Special Purpose

**UV Filter Transmittance:**

U2: Max Effective Far UV= .1% / Max Near UV= 3.7%

U2.5: Max Effective Far UV= .1% / Max Near UV= 2.3%

U3: Max Effective Far UV= .07% / Max Near UV= 1.4%

U4: Max Effective Far UV= .04% / Max Near UV= .5%

U5: Max Effective Far UV= .02% / Max Near UV= .2%

U6: Max Effective Far UV= .01% / Max Near UV= .1%

**Visible Light Filters:**

L1.3: 85% Max. Visible Light

L1.7: 55% Max. Visible Light

L2.5: 29% Max. Visible Light

L3: 18% Max. Visible Light

**FRAME MARKING****Symbols:**

P: Manufacturer's mark

Z87: ANSI standard for Eye and Face protection devices

+: High Impact

P c SEI CAN/CSA Z94.3-07: CAN/CSA for protection devices