

# V2G-PLUS™

FIRST IN CLASS, MULTI-FUNCTIONAL GOGGLE



PART	LENS
EGB6410SDT****	<input type="checkbox"/> Clear (Anti-Fog)
EGB6420SDT****	<input checked="" type="checkbox"/> Gray (Anti-Fog)

- Includes a wide adjustable elastic strap with quick release system for secure fit.
- TPU frame features excellent resistance to cold and heat and provides perfect facial seal.
- Special indirect ventilation system located at the top and bottom of frame allow air flow and heat release.
- Multi-functional goggle with 180° vision, protects against chemical splash, sun glare, dust, flying particles, wind and 99.9% of harmful UV rays.
- Outer polycarbonate lens protects against the environment, while an inner lens prevents fogging. Inner lens is made from acetate, separated by a thin spacer of air, sealed together with foam.
- Thermo Lens System provides excellent resistance to fogging caused by temperature difference between indoor and outdoor or between on-site and ambient environment.

GENERAL SPECIFICATION
Bridge: 33.5mm
Lens Base: 5.5 Curve
Lens Size Diagonal: 139mm
Lens Size Vertical: 63.5mm
Lens Thickness: 2.1mm
Overall Length (Lens-Tip): 87mm
Overall Width (Hinge-Hinge): 136mm
Strap Length: 500mm
PD: 68mm
Weight: 80gm
Closest point between lens: N/A
Closest point between strap holding parts: 173mm

# V2G-PLUS™

## FIRST IN CLASS, MULTI-FUNCTIONAL GOGGLE



### PACKAGING

Hi-Density PE Bag: 1 pc

Display Box: 1 pc

Outer Carton: 72 pcs

COMPONENT	MATERIAL	FEATURES
Lens	Polycarbonate (front lens)	5.5 base dual pane lens (polycarbonate- HC lens on the outer side with acetate-AF lens on inner side)
	Acetate (inner lens)	
	PU foam	
Frame Body	TPU	Flexible soft flange contour to face, with 14 indirect vents for airflow
Nose Piece	TPU	Universal, integral to frame body (soft piece)
Strap	Polyester	Adjustable textile elastic fixed on strap holder with quick-release parts
Strap Holder	Polycarbonate	Sewed with strap
Rx Frame	Grilamid TR90 PC	Optional for fitting with Rx-Lenses

PART	LENS	LENS MARKING	FRAME MARKING
EGB6410SDT	 Clear (Anti-Fog)	2C - 1.2 P 1 BT N CE	CE P EN166 F
EGB6420SDT	 Gray (Anti-Fog)	5 - 2.5 P 1 BT N CE	CE P EN166 F

### LENS MARKING

#### Code (field of use):

2 or 3: UV Filter  
5 or 6: Solar Filter

#### Color Perception:

C: Unimpaired color perception

#### Protection Class:

1.2 to 6: Degree of visible light filtration

#### Optical Class:

1: High optical quality / No optical distortion

#### Mechanical Strength:

S: Extra strong, resists a 22mm, 43g ball falling 1.30 m/s  
F: Low energy impact, resists a 6mm, 0.86g at 45 m/s  
B: Medium energy impact, resists a 6mm, 0.86g at 120 m/s  
A: High energy impact, resists a 6mm, 0.86g at 190 m/s

#### Symbols:

P: Manufacture Indication  
N: Filter with Anti-Fog features  
CE: European Standard

### FRAME MARKING

#### Symbols:

CE: European Standard  
P: Manufacture Indication  
EN166: CE specification for protective eyewear

#### Mechanical Strength:

F: Low energy impact  
B: Medium energy impact  
BT: Medium energy impact at extreme temperatures

#### Protection Class:

3: Protection against liquid droplets  
4: Protection against large dust