

Highlander Plus™

Indirect vented foam carriage



Black and Gray Frame with Strap

Part	Lens
ESBG5010DT • • • • •	Clear Anti-Fog
ESBG5020DT • • • • •	Gray Anti-Fog
ESBG5030DT • • • • •	Amber Anti-Fog
ESBG5055DT • • • • •	Sky Red Mirror Anti-Fog
ESBG5080DT • • • • •	Indoor/Outdoor Mirror Anti-Fog

- Polycarbonate lenses provide 99.9% protection against harmful UV rays.
- Fully adjustable elastic strap with quick release attaches to temples providing a secure fit.
- Indirect vented foam carriage provides maximum dust protection with sufficient airflow, providing an outlet for heat to reduce fogging.
- Resilient and durable frame features an extended side shield design that provides full eye protection from impact and flying particles.
- Removable inner foam lens clip provides extra comfort and protection from airborne particles. Remove the lens clip and strap for a sporty safety spectacle for work or play.

GENERAL SPECIFICATION






Bridge: 9mm
Lens Base: 8 Curve
Lens Size Diagonal: 68.4mm
Lens Size Vertical: 49mm
Lens Thickness: 2.3mm
Overall Length (Lens-Tip): 166mm
Overall Width (Hinge-Hinge): 136.5mm
Weight: 36gm
PD: 68gm
Closest point between lens: 15.6mm
Closest point between temple tips: 80mm

Highlander Plus™

PACKAGING

Polybag: 1pc
Inner Box: 12 pcs
Case: 300 pcs

COMPONENT	MATERIAL	FEATURES
Lens	Polycarbonate	8 base curve wrap around design with side protection
Frame	Nylon	8 curve dual frame style, clipped with foam adapter
Foam Carriage	Nylon	Indirect vented structure with front frame for adapting foam
Foam	CR (Chloroprene rubber) foam	Flexible material with cushion provides the top protection from dusts & flying particles with the best fitting & comfort
Nose Piece	PVC	Universal Fit
Temple	Polycarbonate	Straight side style, very flexible
Strap	Polyester	Adjustable textile elastic fixed on strap holders with quick-release parts
Strap Holder	POM (Polyethylene)	Sews with thin strap
Hinge	Nylon/ Polycarbonate	3 barrel type, integral to frame/ratchets
Screw	Stainless Steel	Standard Hinge Screw

PART	LENS	LENS MARKING	FRAME MARKING
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ESBG5055DT	 Sky Red Mirror Anti-Fog		
ESBG5080DT	 Indoor/Outdoor Mirror Anti-Fog	5 - 1.7 P 1 F 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