

# I-FORCE®

SPORTY DUAL LENS DESIGN



PART	LENS
ESB7010SDT*****	Clear (Anti-Fog)
ESB7020SDT*****	Gray (Anti-Fog)
ESB7030SDT*****	Amber (Anti-Fog)
ESB7080SDT****	Indoor/Outdoor Mirror (Anti-Fog)

- Sporty, lightweight design eliminates the bulkiness and weight of a goggle.
- Quick Release Interchangeable Temples and Strap.
- Vented foam carriage provides maximum dust protection, as well as sufficient airflow outlet for heat.
- Dual pane lens provides the ultimate anti-fog performance by isolating the temperature difference inside and outside of this eyewear, provides 99.9% protection against harmful UV rays.
- Outer polycarbonate lens protects against the environment, while inner acetate lens is designed to prevent fogging. The thermal system provides anti-fog protection in the worst weather conditions or extreme-temperature working environments.
- Outside lens is coated with H2X™ Anti-fog Technology for even more resistance to fogging, due to extreme temperatures.

GENERAL SPECIFICATION
Bridge: 14.5mm
Closest Point Between Lens: 16mm
Closest Point Between Strap Holding Parts: Temples 148mm(98mm) / Strap Length 360mm
Lens Base: 8 Curve
Lens Size Diagonal: 72mm
Lens Size Vertical: 51mm
Lens Thickness: 1.8mm
Overall Length (Lens-Tip): 165mm
Overall Width: 165mm
PD: 68mm
Weight: 47gm (Goggles) 48gm (Spectacle)

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## SPORTY DUAL LENS DESIGN

PACKAGING
Polybag: 1pc
Inner Box: 12 pcs
Case: 144 pcs

COMPONENT	MATERIAL	FEATURES
Foam	CR Foam	Flexible material with cushion provides the top protection from dust & flying particles with the best fitting & comfort
Nose Piece	CR Foam	
Front Carriage	Nylon	Vented structure with front frame for adapting foam
Foam Frame	Nylon	Dual frame style with extended side protection
Goggle Strap	Polyester	Adjustable textile elastic fixed on strap holders with quick release part
Temple Strap	Polyester	
Goggle Strap Holder	PDM (Polyethylene)	Sewed with wide strap
Hinge	Polycarbonate	2 in 1 design; hinges are pin-insert style, integral with angle adjustable structure
Ratchet	Polycarbonate	
Lens	Polycarbonate (Front Lens)	8 base dual pane lens (polycarbonate-HC lens on the outer side with acetate-AF lens on inner side)
	Acetate (Inner Lens)	
	PU Foam	
Temple	Polycarbonate	Straight side sports style
Temple Strap Holder	Nylon	Sewed with thin strap
Temple Tip	Nylon	Soft & flat without pressure

PART	LENS	LENS MARKING	FRAME MARKING
ESB7010SDT	 Clear (Anti-Fog)	2C - 1.2 P 1 F N CE	CE P EN166 F
ESB7020SDT	 Gray (Anti-Fog)	5 - 2.5 P 1 F N CE	CE P EN166 F
ESB7030SDT	 Amber (Anti-Fog)	2 - 1.2 P 1 F N CE	CE P EN166 F
ESB7080SDT	 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