

ITEK®

THE NEXT GENERATION OF ZTEK



PART

- ES5810S****
- ES5810ST****
- ES5820S****
- ES5820ST****
- ES5830S****
- ES5860S****
- ES5870S****

LENS

- Clear
- Clear (Anti-Fog)
- Gray
- Gray (Anti-Fog)
- Amber
- Infinity Blue
- Silver Mirror

PART

- ES5875S****
- ES5880S****
- ES5810SADJ***
- ES5810STADJ***
- ES5820SADJ***
- ES5880SADJ**

LENS

- Blue Mirror
- Indoor/Outdoor Mirror
- Clear
- Clear (Anti-Fog)
- Gray
- Indoor/Outdoor Mirror

- Soft integrated nose piece.
- Lightweight, frameless protection is ideal for all-day wear.
- Soft dual injected rubber temple tips provides non-slip comfort.
- Enter into a new dimension with Itek, the next generation of Ztek.
- 9.75 base curve lens provides excellent side protection against airborne particles, provides 99.9% protection against harmful UV rays.

GENERAL SPECIFICATION

Bridge: 12.5mm
Closest Point Between Lens: 16.3mm
Closest Point Between Temple Tips: 69.2mm
Lens Base: 9.75 Curve
Lens Size Diagonal: 78mm
Lens Size Vertical: 43.3mm
Lens Thickness: 2.3mm
Overall Length (Lens-Tip): 160mm
Overall Width (Hinge-Hinge): 156mm
PD: 68mm
Weight: 22gm

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

COMPONENT	MATERIAL	FEATURES
Lens	Polycarbonate	9.75 base curve, wrap around design with side protection
Frame	N/A	N/A
Side Shields	Polycarbonate	Integral to lens
Nose piece	PVC	Pillow softness
Temple Tips	Polycarbonate + TPE	Spatula with soft tip end
Hinge	Polycarbonate	3 barrel type, integral to frame/sleeve
Screw	Stainless steel	Standard hinge screw

PART	LENS	LENS MARKING	FRAME MARKING
ES5810S	Clear	2C - 1.2 P 1 F CE	CE P EN166 F
ES5810ST	Clear (Anti-Fog)	2C - 1.2 P 1 F N CE	CE P EN166 F
ES5820S	Gray	5 - 2.5 P 1 F CE	CE P EN166 F
ES5820ST	Gray (Anti-Fog)	5 - 2.5 P 1 F N CE	CE P EN166 F
ES5830S	Amber	2 - 1.2 P 1 F CE	CE P EN166 F
ES5860S	Infinity Blue	2C - 1.4 P 1 F CE	CE P EN166 F
ES5870S	Silver Mirror	5 - 2.5 P 1 F CE	CE P EN166 F
ES5875S	Blue Mirror	5 - 2.5 P 1 F CE	CE P EN166 F
ES5880S	Indoor/Outdoor Mirror	5 - 1.7 P 1 F CE	CE P EN166 F
ES5810SADJ	Clear	2C - 1.2 P 1 F CE	CE P EN166 F
ES5810STADJ	Clear (Anti-Fog)	2C - 1.2 P 1 F N CE	CE P EN166 F
ES5820SADJ	Gray	5 - 2.5 P 1 F CE	CE P EN166 F
ES5880SADJ	Indoor/Outdoor Mirror	5 - 1.7 P 1 F 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