



Itek® ANSI CE CSA AS BALLISTIC



RUBBER  
NOSE PIECE



CO-INJECTED  
TEMPLES

Integrated nosepiece with rubber posts

Soft co-injected rubber temple tips

Lens provides excellent side protection

Passes Ballistic MIL-PRF-32432 High Velocity Impact standards

Part No.	Lens and Temples
ES5810S ●●●●●	Clear
ES5810ST ●●●●●	AF Clear H2X
ES5820ST ●●●●●	AF Gray H2X
ES5830S ●●●●●	Amber
ES5860S ●●●●●	Infinity Blue
ES5870S ●●●●●	Silver Mirror
ES5875S ●●●●●	Blue Mirror
ES5880S ●●●●●	I/O Mirror
ES5880ST ●●●●●	AF I/O Mirror

There's more to see at  
**PYRAMEXSAFETY.COM**

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All safety eyewear meets ANSI Z87.1+ [●] and Canadian [CSA Z94.3] [●] standards. All lenses provide 99% protection from harmful UV rays and are hard coated polycarbonate scratch-resistant unless otherwise noted. Some options meet European [EN166] [●], Australian [AS/NZS 1337] [●] or Ballistic [MIL-PRF-32432] [●] standards. For specific lens options visit our website or contact your sales representative.

## Itek®

### General Specifications

Weight: 23.5 gm  
PD: 68 mm  
Bridge: 12.5 mm  
Lens base: 9.75 curve  
Lens size diagonal: 78 mm  
Lens size vertical: 43.3 mm  
Lens thickness: 2.3 mm  
Overall length (lens - tip): 160 mm  
Overall width (hinge - hinge): 156 mm  
Closest point between lens: 16.3 mm

### Materials

Lens: polycarbonate  
Temples: polycarbonate & thermoplastic elastomers (TPE)  
Hinge: polycarbonate  
Screw: stainless steel  
Side shields: polycarbonate  
Nosepiece: polyvinyl chloride (PVC)

Part No.	Lens Markings	Frame Markings
ES5810S	2C - 1.2 P 1 F CE	CE P EN166 F
ES5810ST	2C - 1.2 P 1 F N CE	CE P EN166 F
ES5820ST	5 - 2.5 P 1 F N CE	CE P EN166 F
ES5830S	2 - 1.2 P 1 F CE	CE P EN166 F
ES5860S	2C - 1.4 P 1 F CE	CE P EN166 F
ES5870S	5 - 2.5 P 1 F CE	CE P EN166 F
ES5875S	5 - 2.5 P 1 F CE	CE P EN166 F
ES5880S	5 - 1.7 P 1 F CE	CE P EN166 F
ES5880ST	5 - 1.7 P 1 F N CE	CE P EN166 F

### Lens Marking Symbols

#### Code - field of use

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

#### Color perception

C: Unimpaired color perception

#### Protection class

1.2 - 6: Degree of visible light filtration

#### Optical class

1: High optical quality - no optical distortion

#### Mechanical Strength

F: Low energy impact, resists a 6 mm, .86 g at 45 m/s

#### Symbols

P: Manufacturer's mark  
N: Filter with anti-fog  
CE: Europe standard

### Frame Marking Symbols

#### Symbols

CE: Europe standard  
P: Manufacturer's mark  
EN166: CE specification for protective eyewear

#### Mechanical Strength

F: Low energy impact

