



Itek® ANSI CE CSA AS BALLISTIC



RUBBER NOSEPIECE



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
ES5820S ●●●●●	Gray
ES5820ST ●●●●●	AF Gray H2X
ES5830S ●●●●●	Amber
ES5860S ●●●●●	Infinity Blue
ES5870S ●●●●●	Silver Mirror
ES5875S ●●●●●	Blue Mirror
ES5880S ●●●●●	I/O Mirror
ES5880ST ●●●●●	AF I/O Mirror

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 temple tips: 69.2 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
ES5820S	5 - 2.5 P 1 F 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

