

# Integra®

Classic style with adjustable temples



**Black Frame**

- | Part        | Lens          |
|-------------|---------------|
| ESB410S ••• | Clear         |
| ESB420S ••• | Gray          |
| ESB430S ••• | Amber         |
| ESB450SF •• | 5.0 IR Filter |
| ESB460SF •• | 3.0 IR Filter |

**Blue Frame**








- |            |       |
|------------|-------|
| ESN410S •• | Clear |
| ESN420S •• | Gray  |

- Single lens and adjustable temples ensure reliable performance.
- Scratch resistant polycarbonate lens provides 99% UVA/B/C protection.

GENERAL SPECIFICATION
Bridge: N/A
Lens Base: 4.0 Curve
Lens Size Diagonal: 138mm
Lens Size Vertical: 39mm
Lens Thickness: 2.0mm
Overall Length (Lens-Tip): 85mm
Overall Width (Hinge-Hinge): 149mm
PD: 68mm
Weight: 35gm

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

COMPONENT	MATERIAL	FEATURES
Lens	Polycarbonate	4 base curve, wrap around with integral side shield
Frame	Nylon 6.6	Lens removable from frame
Side Shield	Polycarbonate	Integral to lens
Nose Piece	Polycarbonate	Integral to lens
Sleeve (on temple)	Nylon 6.6	Adjustable to 4 positions
Temple	Nylon 6.6	Adjustable
Hinge	Polycarbonate	3 barrel type, integral to frame sleeve
Screw	Nickel plated	Standard hinge screw

PART	LENS	LENS MARKING	FRAME MARKING
ESB410S	 Clear	2 - 1.2 P 1 F CE	CE P EN166 F
ESB420S	 Gray	5 - 1.2 P 1 F CE	CE P EN166 F
ESB430S	 Amber	2 - 1.2 P 1 F CE	CE P EN166 F
ESB450SF	 5.0 IR Filter	5 P 1 F CE	CE P EN166 F
ESB460SF	 3.0 IR Filter	3 P 1 F CE	CE P EN166 F
ESN410S	 Clear	2 - 1.2 P 1 F CE	CE P EN166 F
ESN420S	 Gray	5 - 1.2 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

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## Black Frame

### Part

SB410S •••	<input type="checkbox"/> Clear
SB410ST •	<input type="checkbox"/> Clear Anti-Fog
SB420S •••	<input type="checkbox"/> Gray
SB430S •••	<input type="checkbox"/> Amber
SB450SF ••	<input type="checkbox"/> 5.0 IR Filter
SB460SF ••	<input type="checkbox"/> 3.0 IR Filter

## Black Ratchet Frame

SB410SR •  Clear

## Mixed Blue Frame

SM410S •  Clear

## Blue Frame

SN410S ••  Clear

## Red Frame

SR410S •  Clear

## Red, White, and Blue Frame

SNWR410S •  Clear

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Lens Size Vertical: 39mm

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











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## PACKAGING

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COMPONENT	MATERIAL	FEATURES
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PART	LENS	LENS MARKING	FRAME MARKING
SB410S	 Clear	P Z87 + U6	P Z87 +
SB410ST	 Clear Anti-Fog	P Z87 + U6	P Z87 +
SB410SR	 Clear	P Z87 + U6	P Z87 +
SB420S	 Gray	P Z87 + U6 L3	P Z87 +
SB430S	 Amber	P Z87 + U6	P Z87 +
SB480S	 Indoor/Outdoor Mirror	P Z87 + U6 L1.7	P Z87 +
SB450SF	 5.0 IR Filter	P Z87 + W5 L5	P Z87 +
SB460SF	 3.0 IR Filter	P Z87 + W3 L3	P Z87 +
SM410S	 Clear	P Z87 + U6	P Z87 +
SN410S	 Clear	P Z87 + U6	P Z87 +
SR410S	 Clear	P Z87 + U6	P Z87 +
SNWR410S	 Clear	P Z87 + U6	P Z87 +

## LENS MARKING

### Symbols:

P: Manufacturer's mark  
 Z87: ANSI standard for Eye and Face protection devices  
 +: High Impact  
 H: Small Head Size  
 S: Special Purpose

### UV Filter Transmittance:

U2: Max Effective Far UV= .1% / Max Near UV= 3.7%  
 U2.5: Max Effective Far UV= .1% / Max Near UV= 2.3%  
 U3: Max Effective Far UV= .07% / Max Near UV= 1.4%  
 U4: Max Effective Far UV= .04% / Max Near UV= .5%  
 U5: Max Effective Far UV= .02% / Max Near UV= .2%  
 U6: Max Effective Far UV= .01% / Max Near UV= .1%

### Visible Light Filters:

L1.3: 85% Max. Visible Light  
 L1.7: 55% Max. Visible Light  
 L2.5: 29% Max. Visible Light  
 L3: 18% Max. Visible Light

## FRAME MARKING

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