

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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Part

SB410S •••

SB410ST •

SB420S •••

SB430S •••

SB450SF ••

SB460SF ••

Lens

Clear

Clear Anti-Fog

Gray

Amber

5.0 IR Filter

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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











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Weight: 35gm

PACKAGING

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Inner Box: 12 pcs
Case: 300 pcs

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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

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











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