



# SafeVision

BY HOYA



## Prescription Safety Frame Guide

All frames listed in this guide have been tested to and meet the current ANSI Z87.1 standards.



Image features Z135 camouflage frames

**Key:**



These frames have passed the requirements of a modified ASTM D149-09 test for dielectric strength and did not conduct electricity up to 1,000 volts for 60 seconds.



Designed to wrap around the face and/or seals to help the frame fit closer to wearer's face.



**A2000**

Size 54 17-122 | 58 17-122  
Color Smoke  
Temple Standard  
Side Shields Integrated

Size 54 58  
A 53.5 58.1  
B 32.0 34.2  
ED 55.3 57.5



**A2500**

Size 55 19-130 | 58 20-130  
Color Black/Gray  
Temple Standard  
Side Shields Integrated

Size 55 58  
A 55.1 58.0  
B 36.1 37.2  
ED 57.9 60.9



**EAGLE**

Size 53 13 | 56 11 | 59 13  
Color Smoke  
Temple Adjustable  
Side Shields Integrated

Size 53 56 59  
A 56.1 57.9 61.9  
B 41.0 42.2 45.4  
ED 56.9 58.5 62.4



goggle **GT20**

Size 52 20 (Rx insert)  
Color Black/Blue  
Temple Head strap  
Side Shields Integrated

Size 50 (Rx insert)  
A 49.9  
B 33.8  
ED 51.0

**NEW**



**MAXIM AIR SEAL Rx**

Includes Air Bladder Seal, Removable Temples & Temple Replacement Head Strap  
Size 53 26-140  
Color Black  
Temple Standard removable  
Side Shields Integrated

Size 53  
A 53.0  
B 38.6  
ED 60.0

**Grooved Lenses REQUIRED**



6 Base **V1000**

Size 52 18-130  
Color Wine Fade | Jet  
Temple Standard  
Side Shields Integrated

Size 52  
A 51.3  
B 30.4  
ED 51.2



8 Base **V1000**

Size 61 16-130  
Color Wine Fade | Jet  
Temple Standard  
Side Shields Integrated

Rx limitation for 8 base only:  
plus or minus 4.00D total power,  
including a -2.00D cylinder

Size 61  
A 60.4  
B 34.2  
ED 59.6



**ZT100**

Size 53 15 | 57 15 | 62 15  
Color Black | Blue/Gray | Gray/Red  
Temple Adjustable  
Side Shields \*Clear | \*Metal Mesh

Size 53 57 62  
A 53.5 57.3 61.9  
B 35.7 35.5 36.4  
ED 54.3 57.6 63.2

(\*Permanently Attached Only)



**ZT200**

Black/Lime Green w/ Crystal  
 Gray/Yellow w/ Crystal  
 Blue w/ Crystal  
 Purple w/ Crystal  
 Camouflage w/ Brown

Smoke tinted carrier color option

**Includes Brow Protector & Lanyard**  
 Size 54 20-126  
 Color Black/Lime Green w/ Smoke or Crystal | Gray/Yellow w/ Smoke or Crystal  
 Blue w/ Smoke or Crystal | Purple w/ Smoke or Crystal | Camouflage w/ Brown or Crystal  
 Temple Standard  
 Side Shields Integrated

Size 54  
 A 53.7  
 B 34.1  
 ED 56.2

**ZT25**

6 Base  
 Matte Black  
 Camouflage

**Includes Removable Foam Seal**  
 Size 56 19-130  
 Color Matte Black | Camouflage  
 Temple Standard  
 Side Shields Integrated

Size 56  
 A 55.4  
 B 32.8  
 ED 55.3

**ZT25**

8 Base  
 Camouflage  
 Matte Black

**Includes Removable Foam Seal**  
 Size 61 19-130  
 Color Matte Black | Camouflage  
 Temple Standard  
 Side Shields Integrated

*Rx limitation for 8 base only:  
 plus or minus 4.00D total power,  
 including a -2.00D cylinder*

Size 61  
 A 61.3  
 B 37.1  
 ED 61.2

**ZT35**

Camouflage  
 Matte Gray (Black Trim)  
 Shiny Black (Blue Trim)

**Includes Removable Skirt Seal, Removable Temples & Temple Replacement Head Strap**  
 Size 57 20-125  
 Color Camouflage | Matte Gray (Black Trim) | Shiny Black (Blue Trim)  
 Temple Standard removable  
 Side Shields Integrated

Size 57  
 A 57.4  
 B 37.3  
 ED 58.5

**ZT400**

Navy w/ Clear  
 Black w/ Clear  
 Tan w/ Clear  
 Charcoal w/ Smoke

Smoke tinted carrier color option

**Includes Head Strap** attached at temple tip  
 Size 57 15-133  
 Color Navy w/ Smoke or Clear | Tan w/ Brown or Clear  
 Black w/ Smoke or Clear | Charcoal w/ Smoke or Clear  
 Temple Standard with flex tip  
 Side Shields Integrated

*ZT400 classified as  
 non-conductive by design*

**Grooved Lenses REQUIRED**

Size 57  
 A 56.5  
 B 33.6  
 ED 58.0

**ZT45**

6 Base  
 Black w/ Black Graffiti  
 Silver  
 Camouflage

**Includes Removable Foam Seal**  
 Size 54 13-130  
 Color Black w/ Black Graffiti | Silver | Camouflage  
 Temple Standard  
 Side Shields Integrated

**Grooved Lenses REQUIRED**

Size 54  
 A 53.7  
 B 31.9  
 ED 56.1

**ZT45**

8 Base  
 Camouflage  
 Silver  
 Black w/ Black Graffiti

**Includes Removable Foam Seal**  
 Size 63 13-130  
 Color Black w/ Black Graffiti | Silver | Camouflage  
 Temple Standard  
 Side Shields Integrated

*Rx limitation for 8 base only:  
 plus or minus 4.00D total power,  
 including a -2.00D cylinder*

**Grooved Lenses REQUIRED**

Size 63  
 A 63.2  
 B 36.6  
 ED 65.7

**ZT55**

Crystal w/ Orange Trim  
 Crystal w/ Gray Trim  
 Charcoal

**Includes Removable Foam Seal**  
 Size 57 17-130  
 Color Crystal w/ Orange Trim | Crystal w/ Gray Trim | Charcoal  
 Temple Standard with flex tip  
 Side Shields Integrated

**Grooved Lenses REQUIRED**

Size 57  
 A 56.5  
 B 36.4  
 ED 60.1

**ZT500**

Red  
 Blue

**Includes Head Strap** attached at temple tip  
 Size 58 18-131  
 Color Red | Blue  
 Temple Standard  
 Side Shields Integrated

*ZT500 non-conductive,  
 no metal parts*

Size 58  
 A 58.3  
 B 38.5  
 ED 64.4

**ZT500G**

Blue  
 Red

**Includes Removable Skirt Seal & Head Strap** attached at mid temple  
 Size 58 18-131  
 Color Blue | Red  
 Temple Standard  
 Side Shields Integrated

*ZT500G non-conductive,  
 no metal parts*

Size 58  
 A 58.3  
 B 38.5  
 ED 64.4

## ALPHA



**Size** 49 20-130 | 51 20-135  
**Color** Brown | Gunmetal  
**Temple** Standard  
**Side Shields** Alpha BrowGuard

**Size** 49 51  
**A** 49.2 51.0  
**B** 32.5 35.0  
**ED** 50.4 52.4

## Stainless Steel ATTITUDE 3



**Size** 52 18-135 | 54 18-140  
**Color** Moss/Dark Gunmetal | Burgundy/Silver  
**Temple** Spring Hinge  
**Side Shields** ATT3 BrowGuard

**Size** 52 54  
**A** 52.2 54.8  
**B** 33.6 34.6  
**ED** 53.7 55.7

Grooved Lenses REQUIRED

## Stainless Steel ATTITUDE 4



**Size** 53 18-135  
**Color** Blue/Silver | Black/Silver  
**Temple** Spring Hinge  
**Side Shields** ATT4 BrowGuard

**Size** 53  
**A** 53.1  
**B** 32.8  
**ED** 54.3

Grooved Lenses REQUIRED

## Stainless Steel ATTITUDE 5



**Size** 54 18-140  
**Color** Matte-Gray front, Silver Temples  
 Matte-Brown front, Tortoise Temples  
**Temple** Spring Hinge  
**Side Shields** ATT5 BrowGuard

**Size** 54  
**A** 53.5  
**B** 30.0  
**ED** 54.7

## Stainless Steel ATTITUDE 6



**Size** 48 16-130  
**Color** Matte-Brown front, Ocean Temples  
 Matte-Violet front, Pink Temples  
**Temple** Spring Hinge  
**Side Shields** ATT6 BrowGuard

**Size** 48  
**A** 47.5  
**B** 26.6  
**ED** 48.6

## BETA



**Size** 56 18-140 | 58 18-145 | 60 18-145  
**Color** Gunmetal | Black | Gold  
**Temple** Standard  
**Side Shields** Beta BrowGuard

**Size** 56 58 60  
**A** 55.4 57.3 59.6  
**B** 41.5 43.4 45.0  
**ED** 60.0 62.5 65.0

## Stainless Steel CLASSIC 1



**Size** 50 15-130 | 52 15-135  
**Color** Silver | Brown  
**Temple** Spring Hinge  
**Side Shields** CLS1 BrowGuard

**Size** 50 52  
**A** 50.7 52.7  
**B** 33.2 35.3  
**ED** 54.5 56.6

Grooved Lenses REQUIRED

## Stainless Steel CLASSIC 4



**Size** 52 19-140 | 55 19-145  
**Color** Black | Tortoise  
**Temple** Spring Hinge  
**Side Shields** CLS4 BrowGuard

**Size** 52 55  
**A** 52.0 55.0  
**B** 33.0 36.0  
**ED** 55.2 58.2

## Stainless Steel DP600



**Size** 52 18-140 | 54 18-140  
**Color** Brown | Silver  
**Temple** Spring Hinge  
**Side Shields** DP600 BrowGuard

**Size** 52 54  
**A** 52.1 54.4  
**B** 31.7 33.2  
**ED** 54.0 56.3

Image features Stainless Steel Attitude 6





Size 54 18•140 | 56 18•145

Color Brown | Gray

Temple Spring Hinge

Side Shields DP610 BrowGuard

Size	54	56
A	54.3	56.2
B	35.3	37.3
ED	55.4	58.0



Size 51 18•140 | 53 18•140

Color Brown | Black

Temple Spring Hinge

Side Shields DP620 BrowGuard

Size	51	53
A	50.6	52.9
B	32.2	33.1
ED	53.0	54.7



Size 51 19•140 | 53 19•145

Color Matte Grey | Matte Brown

Temple Spring Hinge

Side Shields DP720 BrowGuard

Size	51	53
A	50.5	52.4
B	31.3	33.2
ED	52.6	54.7



Size 52 19•140 | 54 19•145

Color Brown | Gunmetal

Temple Spring Hinge

Side Shields DP820 BrowGuard

Size	52	54
A	51.8	54.0
B	32.7	34.8
ED	51.8	54.1

Grooved Lenses REQUIRED



Size 52 18•140 | 54 18•145

Color Gunmetal | Gold

Temple Standard

Side Shields Gamma BrowGuard

Size	52	54
A	51.9	53.8
B	37.1	39.2
ED	55.5	58.0



Size 55 17•125

Color Black | Brown

Temple Spring Hinge

Side Shields HOG - BrowGuard | SteelShield

Size	55
A	55.2
B	32.4
ED	54.9



Size 56 17•135

Color Navy Blue | Gunmetal

Temple Spring Hinge

Side Shields REB - BrowGuard | SteelShield

Size	56
A	56.3
B	34.9
ED	58.5



Size 50 19•140 | 52 19•145

Color Shiny Gray | Shiny Brown

Temple Spring Hinge

Side Shields STL300 BrowGuard

Size	50	52
A	50.3	52.3
B	35.3	37.2
ED	52.4	55.4



Size 49 19•140 | 51 19•145

Color Gray Matte/Brown Matte | Brown Matte/Matte Silver

Temple Spring Hinge

Side Shields STL400 BrowGuard

Size	49	51
A	49.4	51.3
B	34.4	36.5
ED	52.6	54.4



Size 57 17•135 | 59 17•140

Color Black | Silver

Temple Spring Hinge

Side Shields TRX - BrowGuard | SteelShield

Size	57	59
A	56.9	59.3
B	33.3	35.6
ED	59.8	62.4



### URBAN 6

**Size** 57 16•140  
**Color** Black | Bronze  
**Temple** Spring Hinge  
**Side Shields** URB6 BrowGuard



**Size** 57  
**A** 56.9  
**B** 32.9  
**ED** 60.0



### URBAN 8

**Size** 55 18•140  
**Color** Matte Black | Brown  
**Temple** Spring Hinge  
**Side Shields** URB8 BrowGuard



**Size** 55  
**A** 55.1  
**B** 32.1  
**ED** 55.3



### 650

**Size** 48 16•140 | 50 16•145  
**Color** Brown Marble | Gray Marble  
**Temple** Spring Hinge  
**Side Shields** 650 BrowGuard



**Size** 48 50  
**A** 47.1 49.5  
**B** 29.8 31.5  
**ED** 47.3 50.1



### CLASSIC 3

**Size** 53 18•145  
**Color** Black Crystal | Tortoise  
**Temple** Spring Hinge  
**Side Shields** CLS3 BrowGuard



**Size** 53  
**A** 53.0  
**B** 38.3  
**ED** 56.4



### CLASSIC 10

**Size** 52 16•140  
**Color** Tortoise/Brown | Black/Blue  
**Temple** Standard  
**Side Shields** CLS10 BrowGuard



**Size** 52  
**A** 52.6  
**B** 38.7  
**ED** 56.4



### CLASSIC 11

**Size** 54 16•140  
**Color** Black front, Red temples | Green Tortoise  
**Temple** Standard  
**Side Shields** CLS11 BrowGuard



**Size** 54  
**A** 54.0  
**B** 35.2  
**ED** 57.3



### CLASSIC 12

**Size** 53 17•135  
**Color** Blue Marble | Brown Horn  
**Temple** Standard  
**Side Shields** CLS3 BrowGuard



**Size** 53  
**A** 53.0  
**B** 37.6  
**ED** 56.9



### CLASSIC 56

**Size** 55 17•137  
**Color** Gloss Black | Gloss Demi | Matte Tortoise  
**Temple** Standard  
**Side Shields** BrowGuard (\*permanent) featuring Anti-Reflective coating



**Size** 55  
**A** 54.7  
**B** 39.7  
**ED** 57.3

**NEW**



### D490

**Size** 54 16•140 | 56 16•145  
**Color** Black Crystal | Brown Amber  
**Temple** Standard  
**Side Shields** D490 BrowGuard



**Size** 54 56  
**A** 54.3 56.4  
**B** 30.9 33.1  
**ED** 56.1 58.3



### DX670

**Size** 51 19•135 | 53 19•140  
**Color** Olive | Tortoise  
**Temple** Spring Hinge  
**Side Shields** DX670 BrowGuard



**Size** 51 53  
**A** 51.3 53.4  
**B** 31.3 33.0  
**ED** 53.2 55.7



**F6000**  
 Gray Fade  
 BrowGuard BreezeCatcher  
 Size 50 13•140 | 53 15•140 | 55 15•145  
 Color Gray Fade  
 Temple Standard | Cable 170mm  
 Side Shields F6000 - BrowGuard | BreezeCatcher

Size	50	53	55
A	49.7	52.3	57.1
B	44.3	45.0	50.0
ED	57.1	60.2	62.5

**F9800**  
 Smoke  
 BrowGuard BreezeCatcher Full-Cup Perforated  
 Size 46 20•145 | 48 20•145  
 Color Smoke  
 Temple Standard | Cable 170mm  
 Side Shields F98/99 - BrowGuard | BreezeCatcher | Perforated Full-Cup

Size	46	48
A	45.4	48.0
B	38.6	41.0
ED	49.3	51.7

**F9900**  
 Smoke  
 BrowGuard BreezeCatcher Full-Cup Perforated  
 Size 50 22•145 | 52 22•145  
 Color Smoke  
 Temple Standard | Cable 170mm  
 Side Shields F98/99 - BrowGuard | BreezeCatcher | Perforated Full-Cup

Size	50	52
A	49.7	52.0
B	42.4	45.0
ED	53.6	55.7



- BrowGuard**
- Made from high-impact polycarbonate
  - Available in clear or gray
  - Detachable



- BreezeCatcher (F9800, F9900 & F6000 only)**
- Wire mesh design provides ventilation and helps reduce fogging
  - Oxidized, corrosion resistant wire mesh
  - Full-cup design
  - Tighter-weave 40 mesh
  - Permanently attached



- Perforated Full-Cup (F9800 & F9900 only)**
- Made from propionate
  - Perforated design helps reduce fogging
  - Permanently attached



- Metal Mesh (ZT100 only)**
- Made from high-impact polycarbonate and stainless steel
  - Oxidation and corrosion resistant
  - Provides ventilation and helps reduce fogging
  - Permanently attached



- SteelShield (TRX, Rebel & Hog only)**
- Made of stainless steel
  - Colors to match frame
  - Oxidation and corrosion resistant
  - Provides ventilation and helps reduce fogging
  - Detachable



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*SafeVision Frame ONLY Guide 07.2021*

Featuring **PENTAX** Brand Safety Frames