



The HOYA Safety Division has operated as a continuous business for over 70 years. We continue to offer dependable service, innovative products and turnkey eye protection programs. HOYA uses leading lens designs, materials and outstanding lens coatings to provide the best possible vision correction and lens performance. The HOYA [See Clearly Work Safely](#) Prescription Eyewear program includes complete dispensing services provided by a HOYA partner Eye Care Professional either at their office or at your plant site.

Eye Care Professional Locator: www.hoyavision.us/safetyrx

The Eye Care Professional will assist employees with proper frame and lens selection, take the necessary optical measurements, place the order with the HOYA Safety Division lab, deliver and adjust the finished safety eyewear, and provide routine adjustments and maintenance. The ECP will also handle any warranty needs. Eye Exams are not part of this program but are available through most of the HOYA Safety Dispensing Network.

The frames listed in this guide have been tested to and meet the requirements of ANSI Z87.1-2010/2015.

Package 1 Includes: Groups B/C, A and Base

ZT100

NC TF



Size 53 15 | 57 15 | 62 15
Color Black | Blue/Gray | Gray/Red
Temple Adjustable
Sideshield Clear | Metal Mesh | Permanently Attached Only

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

B/C

A2000

NC TF



Size 54 17•122 | 58 17•122
Color Smoke
Temple Standard
Sideshield Integrated

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

A

A2500

NC TF



Size 55 19•130 | 58 20•130
Color Black/Gray
Temple Standard
Sideshield Integrated

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

A

F6000



Size 50 13•140 | 53 15•140 | 55 15•145
Color Gray Fade
Temple Standard | Cable 170mm
Sideshield F6000 Brow-Guard

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

A

Eagle

NC TF



Size 53 13 | 56 11 | 59 13
Color Smoke
Temple Adjustable
Sideshield 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

A

Flip Up

Eagle Flip-up available with IR Shade 3.0 and 5.0



F9800



Size 46 20•145 | 48 20•145
Color Smoke
Temple Standard | Cable 170mm
Sideshield F98/99 Brow-Guard Breeze-Catcher Full-Cup Perforated

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

Base

F9900



Size 50 22•145 | 52 22•145
Color Smoke
Temple Standard | Cable 170mm
Sideshield F98/99 Brow-Guard Breeze-Catcher Full-Cup Perforated

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

Base

Key

NC 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.

TF Tight fitting. Designed with face wrap and/or seals to help the frame fit closer to wearer's face.

FOR YOUR EMPLOYEES WITH LARGER FACES PLEASE CONSIDER THE FOLLOWING FRAMES



ZT100
62 eyesize



Eagle
59 eyesize



Beta
60 eyesize



F6000
55 eyesize
with wider
temples



Package 1 Includes: Group D

EC550



Size 54 18•140 56 18•145	Size 54 56
Color Gunmetal	A 55.1 57.8
Temple Spring Hinge	B 44.4 47.0
Sideshield EC/EX550 Brow-Guard	ED 61.6 64.3

Beta



Size 56 18•140 58 18•145 60 18•145	Size ABED
Color Black Gold Gunmetal	
Temple Standard	
Sideshield Beta Brow-Guard	

DX670



Size 51 19•135 53 19•140	Size 51 53
Color Olive Tortoise	A 51.3 53.4
Temple Spring Hinge	B 31.3 33.0
Sideshield DX670 Brow-Guard	ED 53.2 55.7

V1000 | 6 Base



Size 52 18•130	Size 52
Color Jet Wine Fade	A 51.3
Temple Standard	B 30.4
Sideshield Integrated	ED 51.2

PHOENIX AND POLY LENSES ONLY

ZT25-6 | 6 Base



Size 6 Base 56 19•130	Size 56
Color Matte Black Camouflage	A 55.4
Temple Standard	B 32.8
Sideshield Integrated	ED 55.3

PHOENIX AND POLY LENSES ONLY

EX550



Size 54 18•140 56 18•145	Size 54 56
Color Gunmetal	A 55.1 57.8
Temple Spring Hinge	B 44.3 47.0
Sideshield EC/EX550 Brow-Guard	ED 61.6 64.3

Gamma



Size 52 18•140 54 18•145	Size 52 54
Color Gold Gunmetal	A 51.9 53.8
Temple Standard	B 37.1 39.2
Sideshield Gamma Brow-Guard	ED 55.5 58.0

D490



Size 54 16•140 56 16•145	Size 54 56
Color Black Crystal Brown Amber	A 54.3 56.4
Temple Standard	B 30.9 33.1
Sideshield D490 Brow-Guard	ED 56.1 58.3

V1000 | 8 Base



Size 8 Base 61 16•130	Size 61	Rx limitation for 8 base only: plus or minus 4.00D total power, including a -2.00D cylinder
Color Jet Wine Fade	A 60.4	
Temple Standard	B 34.2	
Sideshield Integrated	ED 59.6	

PHOENIX AND POLY LENSES ONLY

ZT25-8 | 8 Base



Size 8 Base 61 19•130	Size 61	Rx limitation for 8 base only: plus or minus 4.00D total power, including a -2.00D cylinder
Color Matte Black Camouflage	A 61.3	
Temple Standard	B 37.1	
Sideshield Integrated	ED 61.2	

PHOENIX AND POLY LENSES ONLY

Alpha



Size 49 20•130 51 20•135	Size 49 51
Color Brown Gunmetal	A 49.2 51.0
Temple Standard	B 32.5 35.0
Sideshield Alpha Brow-Guard	ED 50.4 52.4

650



Size 48 16•140 50 16•145	Size 48 50
Color Brown Marble Gray Marble	A 47.1 49.5
Temple Spring Hinge	B 29.8 31.5
Sideshield 650 Brow-Guard	ED 47.3 50.1

Classic 3



Size 53 18•145	Size 53
Color Black Crystal Tortoise	A 53.0
Temple Spring Hinge	B 38.3
Sideshield CLS3 Brow-Guard	ED 56.4

ZT200



Size 54 20•126	Size 54
Color Black/Lime Green Gray/Yellow Navy Blue/Gray Purple/White Camouflage	A 53.7
Temple Standard	B 34.1
Sideshield Integrated	ED 56.2



NOW AVAILABLE IN CAMOUFLAGE

Additional Sideshields

Note – not all Sideshield options are available on every frame. See frame data for specific availability.



Brow-Guard

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



Breeze Catcher

- 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

- 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



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<https://www.hoyavision.com/en-us/what-i-need/learn-about-hoya/safety-eyewear/>