

Safety Prescription Eyewear

Frame Guide

HOYA

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

Group E

Maxim™ air seal Rx



Size 53 26•140

Color Black

Sideshield Integrated



Size 53

A 53.0

B 38.6

ED 60.0

POLYCARBONATE LENSES ONLY

Group D PLUS

ZT35



Size 57 20•125

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

Temple Standard removable,
head strap provided

Sideshield Integrated



Size 57

A 57.4

B 37.3

ED 58.5

ZT45-6 | 6 Base



Size 54 13•130

Color Black (with black graffiti)
Silver
White (with tan graffiti)

Temple Standard

Sideshield Integrated

Foam Backing Removeable (in
assorted colors)



Size 54

A 53.7

B 31.9

ED 56.1

POLYCARBONATE LENSES ONLY

ZT45-8 | 8 Base



Size 63 13•130

Color Black (with black graffiti)
Silver
White (with tan graffiti)

Temple Standard

Sideshield Integrated

Foam Backing Removeable (in
assorted colors)



Size 63

A 63.2

B 36.6

ED 65.7

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

POLYCARBONATE LENSES ONLY

ZT55



Size 57 17•130

Color Crystal with gray trim
Crystal with orange trim

Temple Standard

Sideshield Integrated



Size 57

A 56.5

B 36.4

ED 60.1

POLYCARBONATE LENSES ONLY

SteelShield Features:

- Helps provide ventilation with eye protection
- SteelShield colors match the color of the Hog, Rebel, Rebel-S, TRX and TRX-S frames
- Slip on mesh SteelShields can be ordered as removable or permanently attached



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.



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



Global fit Designed to better fit face shapes around the world.

Group D

DX670



Size 51 19•135 | 53 19•140

Color Olive | Tortoise

Temple Spring Hinge

Sideshield DX670 Brow-Guard

Size 51 53

A 51.3 53.4

B 31.3 33.0

ED 53.2 55.7

V1000 | 6 Base



Size 52 18•130

Color Jet | Wine Fade

Temple Standard

Sideshield Integrated

Size 52

A 51.3

B 30.4

ED 51.2

POLYCARBONATE LENSES ONLY

D490



Size 54 16•140 | 56 16•145

Color Black Crystal | Brown Amber

Temple Standard

Sideshield D490 Brow-Guard

Size 54 56

A 54.3 56.4

B 30.9 33.1

ED 56.1 58.3

V1000 | 8 Base



Size 8 Base 61 16•130

Color Jet | Wine Fade

Temple Standard

Sideshield Integrated

Size 61

A 60.4

B 34.2

ED 59.6

POLYCARBONATE LENSES ONLY

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

650



Size 48 16•140 | 50 16•145

Color Brown Marble | Gray
Marble

Temple Spring Hinge

Sideshield 650 Brow-Guard

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

Sideshield CLS3 Brow-Guard

Size 53

A 53.0

B 38.3

ED 56.4

ZT25 | 6 Base



Foam Backing



Size 6 Base 56 19•130

Color Matte Black

Temple Standard

Sideshield Integrated

Size 56

A 55.4

B 32.8

ED 55.3

POLYCARBONATE LENSES ONLY

ZT25 | 8 Base



Foam Backing



Size 8 Base 61 19•130

Color Matte Black

Temple Standard

Sideshield Integrated

Size 61

A 61.3

B 37.1

ED 61.2

POLYCARBONATE LENSES ONLY

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

ZT200



Size 54 20•126

Color Black/Lime Green |
Gray/Yellow | Navy
Blue/Gray | Purple/White

Temple Standard

Sideshield Integrated

Size 54

A 53.7

B 34.1

ED 56.2

Group B/C

ZT100



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

ZT150



Size 59 16

Color Gray

Temple Adjustable

Sideshield Permanently Attached,
Full Cup, Venting

Size 59

A 59.1

B 36.2

ED 59.4

ZT300



Size 60 16

Color Crystal/Smoke | Crystal/
Green | Crystal/Blue

Temple Adjustable

Sideshield Integrated

Size 60

A 59.5

B 39.3

ED 60.6

Group A

A2000



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

A2500



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

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

Eagle



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

Flip Up

Eagle Flip-up available with IR
Shade 3.0, 5.0 and 7.0.



Base

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

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

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



SteelShield (TRX, Rebel and 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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