

# SafeVision Lens & Frame Parameter Guide

All limitations are affected by eye size, seg height, & pupillary distance

SafeVision Progressive Lens Reference Guide									
Progressive Design	Minimum Seg Height	Add Power				R <sub>x</sub> Power			
		Plastic	Poly	Trivex	1.67 (Ansi)	Plastic	Poly	Trivex	1.67 (Ansi)
<b>SafeVision 1</b> Basic No-Line Progressive <i>(compare to HOYA Amplitude)</i>	19mm/ 14mm (4mm drop)	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	-9.00 to +5.00	-10.00 to +6.00	-9.00 to +5.00	-13.00 to +7.00
<b>SafeVision 2</b> Enhanced No-Line Progressive <i>(compare to HOYA Array)</i>	18mm/ 14mm (4mm drop)	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	-10.00 to +6.00	-10.00 to +6.00	-10.00 to +6.00	-10.00 to +6.00
<b>SafeVision 3</b> Maximum No-Line Progressive <i>(compare to HOYA Array 2)</i>	18mm/ 14mm (4mm drop)	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	-10.00 to +6.00	-10.00 to +6.00	-10.00 to +6.00	-10.00 to +6.00
<b>Ergonomic Workstation Design</b> <i>EWD 40   EWD 60</i> <i>(compare to HOYA Tact)</i>	18mm/ 14mm (4mm drop)	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	+0.75 to +3.50	-8.00 to +6.00	-10.00 to +6.00	NA	-10.00 to +6.00

All Progressive Designs are available in the following options:

**Polycarbonate:** Clear | Tinted | Photochromic | Polarized **CR-39®:** Clear | Photochromic | Polarized

**Phoenix (Trivex):** Clear | Tinted | Photochromic | Polarized **1.67 High Index:** Clear | Photochromic | Polarized

Power Limitations According To Lens Material & Lens Design		
Lens Material	Lens Design	Power Limitation
CR-39®	Bifocals ST28 / ST35	-10.00 to +9.50
	Bifocals RD24	-7.00 to +7.50
Phoenix (Trivex)	Bifocals ST28	-10.00 to +7.50
Polycarbonate	Bifocals ST28 / ST35	-10.00 to +7.50
CR-39®	Single Vision	-13.00 to +11.00
Phoenix (Trivex)	Single Vision	-13.00 to +11.00
Polycarbonate	Single Vision	-14.00 to +8.50
CR-39®	STD28	-4.00 to +6.00

PENTAX Frame Limitations Guide		
Frame Model	Lens Material Limitations	Power Limitations
Pentax <b>Attitude 3</b>	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>Attitude 4</b>	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>Maxim Air Seal</b>	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>DP820</b>	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>Classic 1</b>	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>ZT55</b>	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>ZT400</b>	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>V1000</b> (6 Base)	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>V1000</b> (8 Base)	Polycarbonate & Phoenix (Trivex) only	-4.00 to +4.00
Pentax <b>ZT25</b> (6 Base)	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>ZT25</b> (8 Base)	Polycarbonate & Phoenix (Trivex) only	-4.00 to +4.00
Pentax <b>ZT45</b> (6 Base)	Polycarbonate & Phoenix (Trivex) only	-
Pentax <b>ZT45</b> (8 Base)	Polycarbonate & Phoenix (Trivex) only	-4.00 to +4.00

SAFEVISION Frame Limitations Guide			
Frame Model	Lens Design Limitations	Lens Material Limitations	Power Limitations
Safevision <b>SVSR4</b>	Single Vision & Progressive only	Polycarbonate only	-4.00 to +2.50
Safevision <b>SVSR5</b>	Single Vision & Progressive only	Polycarbonate only	-4.00 to +2.50
Safevision <b>Battery</b>	-	-	-4.00 to +2.50
Safevision <b>Guardian</b>	-	-	-4.00 to +3.00
Safevision <b>Misfire</b>	-	-	-4.00 to +3.00
Safevision <b>SVNY</b>	-	-	-4.00 to +3.00
Safevision <b>Oakleaf</b>	-	-	-4.00 to +3.00
Safevision <b>Ranger</b>	-	-	-5.00 to +3.00
Safevision <b>Streak</b>	-	-	-4.00 to +3.00

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## WILEY X Frames Limitations Guide

Frame Model	Lens Design Limitations	Lens Material Limitations	Power Limitations	FT28 Minimum PD
WX BOSS	Single Vision & Progressive only	Polycarbonate only	-3.00 to +2.00	-
WX GRID	Single Vision & Progressive only	Polycarbonate only	-3.00 to +2.00	-
WX VALOR	Single Vision & Progressive only	Polycarbonate only	-3.00 to +2.00	-
WX SAINT	Single Vision & Progressive only	Polycarbonate only	-3.00 to +2.00	-
WX TIDE	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	-
WX CLIMB	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	-
WX MYSTIQUE	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	-
WX OMEGA	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	-
WX REBEL	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	-
WX SLAY	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	-
WX TWISTED	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	-
WX AIRRAGE	Single Vision, Progressives, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	63
WX BREACH	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX BRICK	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX ENZO	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX GRAVITY	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	68
WX OZONE	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	68
WX SHADOW	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX SLEEK	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	61
WX AFFINITY	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX ASPECT	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX SENSOR	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	63
WX CONTEND	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX GLORY	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX IGNITE	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	68
WX KINGPIN	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX KOBE	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX NASH	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	71
P-17	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67
WX PEAK	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	71
WX WEEKENDER	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67

All Wiley X frames limited to Polycarbonate & Phoenix (Trivex) lens material.

All Wiley X wrap frames (excluding worksite series) power range: +/- 4.00 sphere and +/- 3.00 cylinder\*\*

\*-3.00 cylinder restriction so long as total power does not exceed -4.00

The Wiley X frame limitations listed in this guide are intended as recommendations specifically for prescription safety eyewear orders placed via SafeVision by HOYA.

