

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 _x Power			
		Plastic	Poly	Trivex	1.67 (Ansi)	Plastic	Poly	Trivex	1.67 (Ansi)
SafeVision 1 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
SafeVision 2 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
SafeVision 3 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
Ergonomic Workstation Design <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 Attitude 3	Polycarbonate & Phoenix (Trivex) only	-
Pentax Attitude 4	Polycarbonate & Phoenix (Trivex) only	-
Pentax Maxim Air Seal	Polycarbonate & Phoenix (Trivex) only	-
Pentax DP820	Polycarbonate & Phoenix (Trivex) only	-
Pentax Classic 1	Polycarbonate & Phoenix (Trivex) only	-
Pentax ZT55	Polycarbonate & Phoenix (Trivex) only	-
Pentax ZT400	Polycarbonate & Phoenix (Trivex) only	-
Pentax V1000 (6 Base)	Polycarbonate & Phoenix (Trivex) only	-
Pentax V1000 (8 Base)	Polycarbonate & Phoenix (Trivex) only	-4.00 to +4.00
Pentax ZT25 (6 Base)	Polycarbonate & Phoenix (Trivex) only	-
Pentax ZT25 (8 Base)	Polycarbonate & Phoenix (Trivex) only	-4.00 to +4.00
Pentax ZT45 (6 Base)	Polycarbonate & Phoenix (Trivex) only	-
Pentax ZT45 (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 SVSR4	Single Vision & Progressive only	Polycarbonate only	-4.00 to +2.50
Safevision SVSR5	Single Vision & Progressive only	Polycarbonate only	-4.00 to +2.50
Safevision Battery	-	-	-4.00 to +2.50
Safevision Guardian	-	-	-4.00 to +3.00
Safevision Misfire	-	-	-4.00 to +3.00
Safevision SVNY	-	-	-4.00 to +3.00
Safevision Oakleaf	-	-	-4.00 to +3.00
Safevision Ranger	-	-	-5.00 to +3.00
Safevision Streak	-	-	-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.

