

SafeVision Lens & Frame Parameter Guide

SafeVision Progressive Lens Reference Guide									
Progressive Design	Minimum Seg Height	Add Power (Total Powers)				RX Power (Total Power)			
		Plastic	Poly	Phoenix/Trivex	1.67 (Ansi)	Plastic	Poly	Phoenix/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 EWD 40 EWD 60 <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
Polycarbonate	Single Vision\Progressives	-14.00 to +8.50
	Bifocals ST28\ST35	-10.00 to +7.50
Phoenix (Trivex)	Single Vision\Progressives	-12.00 to +11.00
	Bifocals ST28	-8.00 to +7.50
CR-39®	Single Vision\Progressives	-13.00 to +11.00
	Bifocals ST28\ST35	-10.00 to +9.50
	Bifocals RD24	-7.00 to +7.50
	STD28	-4.00 to +6.00



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

PENTAX Frame Limitations Guide			
Frame Model	Lens Design Limitations	Lens Material Limitations	Power Limitations
Pentax Attitude 3		Polycarbonate & Phoenix (Trivex) only	-8.00 to +6.00
Pentax Attitude 4		Polycarbonate & Phoenix (Trivex) only	-8.00 to +6.00
Pentax Attitude 7			-8.00 to +6.00
Pentax Maxim Air Seal		Polycarbonate & Phoenix (Trivex) only	-
Pentax DP820		Polycarbonate & Phoenix (Trivex) only	-
Pentax Classic 1		Polycarbonate & Phoenix (Trivex) only	-8.00 to +6.00
Pentax ZT55		Polycarbonate & Phoenix (Trivex) only	-
Pentax ZT400		Polycarbonate & Phoenix (Trivex) only	-
Pentax V1000 (6 Base)		Polycarbonate & Phoenix (Trivex) only	-
Pentax V1000 (8 Base)	Single Vision, Progressive, ST28	Polycarbonate & Phoenix (Trivex) only ST28 Poly Only	-4.00 to +4.00
Pentax ZT25 (6 Base)		Polycarbonate & Phoenix (Trivex) only	-
Pentax ZT25 (8 Base)	Single Vision, Progressive, ST28	Polycarbonate & Phoenix (Trivex) only ST28 Poly Only	-4.00 to +4.00
Pentax ZT45 (6 Base)		Polycarbonate & Phoenix (Trivex) only	-
Pentax ZT45 (8 Base)	Single Vision, Progressive, ST28	Polycarbonate & Phoenix (Trivex) only ST28 Poly Only	-4.00 to +4.00

SAFEVISION Frame Limitations Guide				
Frame Model	Lens Design Limitations	Lens Material Limitations	Poly Limitations	Trivex Limitations
Safevision SVSR4	Single Vision & Progressive only	Polycarbonate only	-3.00 to +2.50	N/A
Safevision SVSR5	Single Vision & Progressive only	Polycarbonate only	-3.00 to +2.50	N/A
Safevision Battery	Single Vision, Progressive, ST28	ST28 only available in Polycarb	-4.00 to +2.50	-3.00 to +2.50
Safevision Guardian	Single Vision, Progressive, ST28	ST28 only available in Polycarb	-4.00 to +3.00	-3.00 to +3.00
Safevision Misfire	Single Vision, Progressive, ST28	ST28 only available in Polycarb	-4.00 to +3.00	-3.00 to +3.00
Safevision SVNY	Single Vision, Progressive, ST28	ST28 only available in Polycarb	-4.00 to +3.00	-3.00 to +3.00
Safevision Oakleaf	Single Vision, Progressive, ST28	ST28 only available in Polycarb	-4.00 to +3.00	-3.00 to +3.00
Safevision Ranger	Single Vision, Progressive, ST28	ST28 only available in Polycarb	-4.00 to +3.00	-3.00 to +3.00
Safevision Streak	Single Vision, Progressive, ST28	ST28 only available in Polycarb	-4.00 to +3.00	-3.00 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	SV Minimum PD	Progressive Minimum PD
WX ALPINE	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00	67	58	62
WX BOSS	Single Vision & Progressive only	Polycarbonate only	-3.00 to +2.00		60	64
WX BREACH	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67	56	58
WX BREACH 2.5	Single Vision & Progressive only	Polycarbonate only	-4.00 to +3.00		56	60
WX BREACH 2.5 XL	Single Vision & Progressive only	Polycarbonate only	-4.00 to +3.00		62	64
WX BRICK	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67	56	58
WX DEFEND	Single Vision & Progressive only	Polycarbonate only	-4.00 to +3.00	67	56	58
WX GRAVITY	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	68	56	62
WX GRID	Single Vision & Progressive only	Polycarbonate only	-3.00 to +3.00		62	64
WX JAKL	Single Vision & Progressive only	Polycarbonate only	-4.00 to +3.00		62	64
WX KINGPIN	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67	56	58
WX OMEGA	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00		64	63
WX P-17	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	63	56	58
WX PEAK	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00		58	62
WX PEAK XL	Single Vision & Progressive only	Polycarbonate only	-3.00 to +3.00		62	64
WX ROMER	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	66	56	60
WX SAINT	Single Vision & Progressive only	Polycarbonate only	-3.00 to +3.00		62	64
WX SG-1	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00		56	58
WX SHIELD	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate only	-4.00 to +3.00	63	60	64
WX SLAY	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00		60	64
WX SLEEK	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	61	56	60
WX TWISTED	Single Vision & Progressive only	Polycarbonate & Trivex only	-4.00 to +3.00		60	62
WX VALOR	Single Vision & Progressive only	Polycarbonate only	-3.00 to +3.00		62	64
WX XL-1 ADVANCED	Single Vision, Progressive, & FT28 Bifocal only (FT35 Bifocal & Trifocal not available)	Polycarbonate & Trivex only	-4.00 to +3.00	67	56	68

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

All Wiley X wrap frames (EXCLUDING WORKSITE AND ACITVE 6) 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.

