

SOLOtech

Atoric design Design

Compensate the astigmatic aberration to the cylinder direction by means of marking the back side surface Aspheric. Make it possible further thinner and lighter lens.

- Wider

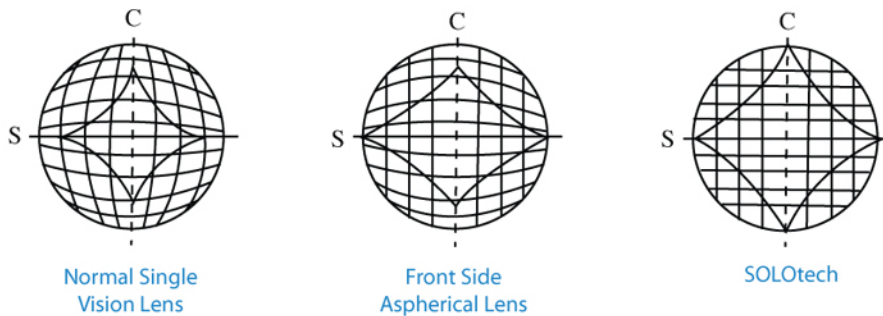
Degree of Cylinder on CROSS direction is improved by means of Front and Back Side Aspheric Design.

- Thinner

By Means of Atoric Design, the astigmatic aberration is improved. And new design concept makes it possible thinner lens with reducing power error at peripheral zone.

- Lighter

Possible to reduce weight and thickness to keep clear image by means of back side surface Back Side Aspheric design.



SOLOtech Individualised Single Vision Lens Power Range			
Range / Material	Density / Abbe Value	UV	Total Power Range
1.498	1.3 / 58	-	+9.75D ~ -8.00D
1.53 Trivex	1.11 / 45	UVA / UVB	+8.00D ~ -8.00D
1.6	1.34 / 36	UVA / UVB	+8.75D ~ -9.50D
1.67	1.36 / 32	UVA / UVB	+14.00D ~ -11.00D
1.74	1.47 / 30	UVA / UVB	+12.00D ~ -12.00D

SOLOtech Individualised SunRange Single Vision Lens Power Range			
Range / Material	Density / Abbe Value	UV	Total Power Range
1.498 Nupolar (Brown / Grey / Green)	1.31 / 58	UVA / UVB	+7.50D ~ -8.00D
1.6 Nupolar (Brown / Grey / Green)	1.34 / 36	UVA / UVB	+9.00D ~ -9.50D
1.67 Nupolar (Brown / Grey / Green)	1.36 / 32	UVA / UVB	+9.00D ~ -11.00D
1.5 Transition / XTRActive (Brown / Grey)	1.31 / 58	UVA / UVB	+7.50D ~ -8.00D
1.6 Transition / XTRActive (Brown / Grey)	1.34 / 36	UVA / UVB	+9.00D ~ -9.50D
1.67 Transition / XTRActive (Brown / Grey)	1.36 / 32	UVA / UVB	+9.00D ~ -11.00D
1.74 Transition (Brown / Grey)	1.47 / 30	UVA / UVB	+12.00D ~ -12.00D
Drivewear Transition	1.31 / 59.3	UVA / UVB	+8.00D ~ -8.00D

SOLOtech Lens Thickness Comparison

Normal index with Solotech lens thickness comparison

Material		1.6	1.6	1.67	1.67	1.74
		Spherical	SOLOtech	Spherical	SOLOtech	Aspherical
Diameter	Index	1.6	1.6	1.67	1.67	1.74
65mm	Center Thick	1.2	1.2	1.1	1.1	1.0
Range	-8.00D	8.6	7.8	7.4	6.7	6.8
Range	-10.00D	10.9	9.2	9.4	8.2	8.5
		Spherical	SOLOtech	Spherical	SOLOtech	Aspherical
Diameter	Index	1.6	1.6	1.67	1.67	1.74
60mm	Center Thick	1.6	1.6	1.67	1.67	1.74
Range	-8.00D	7.6	6.9	6.5	5.7	5.9
Range	-10.00D	9.5	8.3	8.0	7.0	7.3
		Spherical	SOLOtech	Spherical	SOLOtech	Aspherical
Diameter	Index	1.6	1.6	1.6	1.67	1.74
55mm	Center Thick	1.6	1.6	1.6	1.67	1.74
Range	-8.00D	6.5	6.1	5.5	5.0	5.1
Range	-10.00D	8.0	8.0	6.8	6.2	6.3

Normal index with Solotech lens thickness comparison

Material		1.5	1.5	1.56	1.6
		Spherical	SOLOtech	Spherical	SOLOtech
Diameter	Index	1.5	1.5	1.56	1.6
65mm	Center Thick	2.0	2.0	1.6	1.2
Range	-3.00D	5.6	5.1	4.7	4.1
		Spherical	SOLOtech	Spherical	SOLOtech
Diameter	Index	1.5	1.5	1.56	1.6
60mm	Center Thick	2.0	2.0	1.6	1.2
Range	-3.00D	5.0	4.6	4.2	3.6
		Spherical	SOLOtech	Spherical	SOLOtech
Diameter	Index	1.5	1.5	1.56	1.6
55mm	Center Thick	2.0	2.0	1.6	1.2
Range	-3.00D	4.5	4.3	3.7	3.2