

SWISSCOAT Mineral single vision lens collection

Mineral single vision lens

Available in 1.523, 1.6, 1.7, 1.8 and 1.9 index.

Mineral lens technical specification



Lens Type	Mineral Lens		High Index Mineral Lens	
Index	1.523	1.523	1.604	1.604
Design	Spherical	Spherical	Spherical	Spherical
Density	2.55/g/cm3	2.55/g/cm3	2.65/g/cm3	2.65/g/cm3
Abbe Value	58.30	58.30	42.50	42.50
Stock lens Sph power range	* Minus PL ~ -4.00	* Minus PL ~ -6.00	-	-
Stock lens Cyl power range	* Minus C-2.00	* Minus C-2.00	-	-
Rx prescription total power range	+6.00 ~ -7.50	+6.00 ~ -7.50	+8.00 ~ -15.00	0.00 ~ -11.00
Lens base colour	White / Pink	PBX / PGX	White	PBX / PGX
A.R. coating	Green / Purple Red	Green / Purple Red	Green / Purple Red	Green / Purple Red
Colour Tinting**	Yes	-	Yes	-

* Urgent stock available for 24 hours delivery.

** Mineral lens colour tinting 12%,25%,50%,75% and 90% (Brown colour only)



High index mineral lens technical specification

Lens Type	High Index Mineral Lens		1.8 Super High index	1.9 Super High index
Index	1.7	1.71 (Abbe 42)	1.802	1.885
Design	Spherical	Spherical	Spherical	Spherical
Density	2.99/g/cm3	2.99/g/cm3	3.65/g/cm3	3.99/g/cm3
Abbe Value	38.60	42.00	35.00	31.00
Stock lens Sph power range	* Minus -3.00~-12.00	-	-	-
Stock lens Cyl power range	* Minus C-2.00	-	-	-
Rx prescription total power range	+9.50 ~ -16.00	+8.50 ~ -14.00	0.00 ~ -21.50	0.00 ~ -24.50
Lens base colour	White / Pink	White	White / Pink	White
A.R. coating	Green / Purple Red	Green / Purple Red	Green / Purple Red	Green / Purple Red
Colour Tinting**	Yes	Yes	Yes	Yes

* Urgent stock available for 24 hours delivery.

** Mineral lens colour tinting 12%,25%,50%,75% and 90% (Brown colour only)



Edge thickness comparison table

Edge Thickness compare (Minus power 65mm)

(Index)	-2.00	-4.00	-6.00	-8.00	-10.00	-12.00	-15.00
1.523	3.2mm	5.6mm	7.7mm	10.1mm	12.6mm	16.0mm	23.2mm
1.6	2.9mm	4.9mm	6.9mm	8.7mm	10.7mm	13.3mm	17.7mm
1.7	2.7mm	4.3mm	6.0mm	7.5mm	9.1mm	11.1mm	14.2mm
1.8	2.4mm	3.8mm	5.3mm	6.6mm	8.0mm	9.6mm	12.0mm
1.9	2.2mm	3.5mm	4.8mm	6.0mm	7.3mm	8.6mm	11.0mm