



INDEPENDENT SUPPLIER TO Rx LABS WORLDWIDE

SEMI-FINISHED & FINISHED PLANO **MINERAL**
OPHTHALMIC LENS CATALOGUE

2025

VALID 01/01/2025

Order online at www.sblenstech.com

SB OPHTHALMIC LENS TECHNOLOGIES UK LIMITED

12 STIRLING CRESCENT, GALSTON, EAST AYRSHIRE, SCOTLAND, KA4 8NT

TEL: +44 (0) 1563 821539 E-MAIL: lensorders@sblenstech.com

WEB: www.sblenstech.com

WELCOME

SB Ophthalmic Lens Technologies UK Limited is an independent specialist distributor of Semi-finished and Rx lenses utilising 33 years of experience in the manufacture and supply of highest quality ophthalmic lenses to Rx labs and Optical retailers in 24 countries worldwide. We offer our customers a very wide range of Semi-finished & Finished Plano power Mineral Ophthalmic lenses available from stock on a same day or next day despatch basis.

OUR FOCUS

To provide our clients with a wide range of highest quality ophthalmic lenses whilst consistently meeting benchmark levels of supply performance and remaining price competitive in the marketplace.



GLOBAL DESPATCH WITHIN ONE WORKING DAY AS STANDARD.

OUR CONTACTS

Mobile: +44 (0) 7789 601027

Email Enquiries and Orders: lensorders@sblenstech.com

Accounts: accounts@sblenstech.com

Website: www.sblenstech.com



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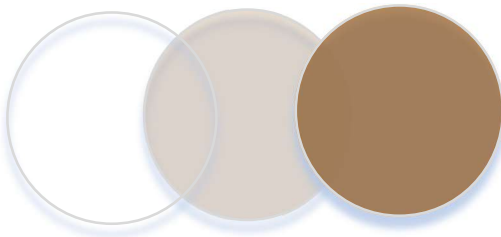
INDEX - MINERAL

CLEAR HIGH AND STANDARD INDEX



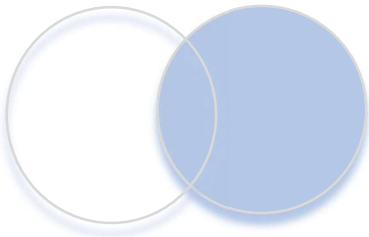
1	1.90/31 / 1.90 - SFSV
2	1.80/35 - SFSV
3 & 4	1.70/42, 1.70/40, 1.70/35 - SFSV
5	1.60/42 - SFSV
6	1.50 BLUECUT EXTRA – SFSV
7	1.523 WHITE – SFSV

PHOTOCHROMIC HIGH AND STANDARD INDEX



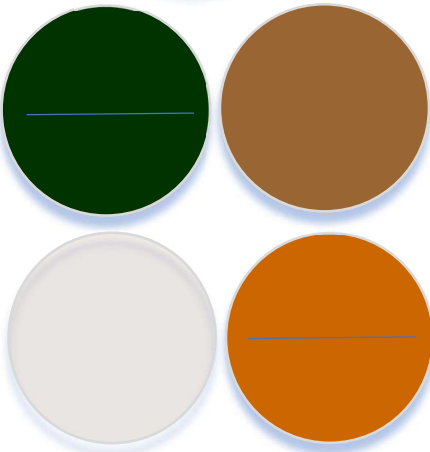
8	1.60 PHOTOBROWN - SFSV
8	1.60 PHOTOGRAY - SFSV
9	1.60 PHOTO-SOLAR-BROWN – SFSV
9	1.60 PHOTO-SOLAR-GRAY - SFSV
10	1.523 PBX - SFSV & FINISHED PLANO POWER
11	1.523 PGX - SFSV & FINISHED PLANO POWER

RADIATION & SPECIALIST SHIELDING



12	MED-X XRAY - SFSV & FINISHED PLANO POWER
13	ACE-3 - SFSV & FINISHED PLANO POWER

SUNGLASS – FIXED TINT - STANDARD & POLARIZED



14	1.523 GRAY-15 - SFSV & FINISHED PLANO POWER
15	1.523 BROWN-15 - SFSV & FINISHED PLANO POWER
16	1.523 POLARIZED GRAY-GREEN - SFSV & FINISHED PLANO POWER
17	1.523 POLARIZED BROWN - SFSV & FINISHED PLANO POWER

SPECIALIST FINISHED PLANO PHOTOCROMIC

18	SPRINT GRAY - FINISHED PLANO POWER
18	POLAR COPPER PHOTO - FINISHED PLANO POWER



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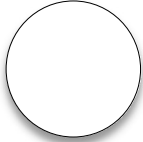


SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

ULTRA HIGH INDEX MINERAL

HIGHEST SCRATCH RESISTANCE LENSES



1.90/31



Index (n_e)	Abbe Value (v_e)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.892	30.6	3.99	82.6

SFSV 1.90/31 (CORNING)

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
FX40001465	0215021031	65	+0.00	+0.00	-	-14.00	3.0	16.5
FX40001065	0215021684	65	+0.00	+0.00	-	-10.00	2.5	12.5
FX42000765	0215022368	65	+2.00	+1.91	+273.82	-7.00	2.5	7.0
FX40000970	0215021056	70	+0.00	+0.00	-	-9.00	1.9	10.5
FX41000970	0215022690	70	+1.00	+1.00	+523.00	-9.00	2.5	10.0
FX420070	0215021072	70	+2.00	+1.91	+273.82	-9.00	2.5	10.3

****Discontinue 1st quarter 2025**

SFSV 1.90

Index (n_e)	Abbe Value (v_e)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.90266	30.47	4.13	82.7

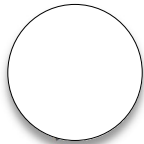
ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
FX50001660	0215023128	60	+0.00	+0.00	-	-16.00	2.5	15.3
FX50001265	0215023144	65	+0.00	+0.00	-	-12.00	2.5	14.5
FX51001265	0215023151	65	+1.00	+1.00	+523.00	-12.00	2.6	14.3
FX52001065	0215023169	65	+2.00	+1.91	+273.82	-10.00	2.5	11.5

FX5 supplied when 1.90/31 Corning material is not available. FX4 & FX5 cannot be paired due to colour difference in materials.



ULTRA HIGH INDEX MINERAL

HIGHEST SCRATCH RESISTANCE LENSES



1.80/35



Index (n_d)	Abbe Value (v_d)	Density (gcm ³)	Visible Transmittance (t%)
1.807	34.4	3.65	84.9

- ✓ Best cosmetic appeal versus cost high index material on market.
- ✓ Very wide range of powers possible from +10.00 to -24.00 dpt.
- ✓ Unique plus power range.

SFSV 1.80/35

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
FX30001660	0215021403	60	+0.00	+0.00	-	-16.00	2.5	15.3
FX30001665	0215021395	65	+0.00	+0.00	-	-16.00	2.5	22.0
FX30001265	0215021411	65	+0.00	+0.00	-	-12.00	2.5	14.7
FX31001265	0215022666	65	+1.00	+1.00	+523.00	-12.00	2.8	13.0
FX32001065	0215021494	65	+2.00	+1.91	+273.82	-10.00	2.5	9.7
FX32000865	0215021601	65	+2.00	+1.91	+273.82	-8.00	2.3	8.5
FX34000865	0215022468	65	+4.00	+3.92	+133.42	-8.00	2.5	6.8
FX30001070	0215020967	70	+0.00	+0.00	-	-10.00	2.5	12.5
FX31001070	0215022674	70	+1.00	+1.00	+523.00	-10.00	2.8	11.8
FX32001070	0215021452	70	+2.00	+1.91	+273.82	-10.00	2.5	12.5
FX330070	0215021460	70	+3.00	+2.93	+178.50	-7.00	2.5	6.5
FX340070	0215023037	70	+4.00	+3.92	+133.42	-7.00	2.7	6.0
FX360070	0215020975	70	+6.00	+5.80	+90.17	-6.00	7.0	6.5
FX380070	0215020983	70	+8.00	+7.70	+67.93	-6.00	9.8	7.5
*FX300000365	0215021718	65	+0.00	+0.00	-	-3.00	10.0	13.0

*Minimum order quantity – 60 pieces

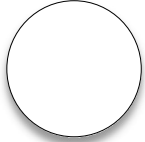


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SEMI-FINISHED & PLANO POWER MINERAL LENSES

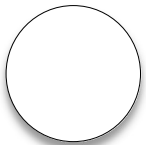
DESPATCH WITHIN 1 DAY

HIGH INDEX MINERAL**HIGHEST SCRATCH RESISTANCE LENSES****1.70/42**

Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.700	41.6	3.21	87.7

SFSV 1.70/42

ORDER CODE	OPC BARCODE	DIA (m m)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
FX21001265	0215023417	65	+1.00	+1.03	+507.67	-12.00	2.6	13.6
FX22770865	0215023490	65	+2.77	+2.73	+191.58	-8.00	2.6	7.6

**1.70/40**

Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.705	39.2	3.20	87.3

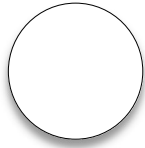
SFSV 1.70/40

ORDER CODE	OPC BARCODE	DIA (m m)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
FX20501270	0215023375	70	+0.50	+0.50	+1046.00	-12.00	3.6	14.0
FX21001270	0215023383	70	+1.00	+1.03	+507.67	-12.00	3.6	13.6
FX21901270	0215023425	70	+1.90	+1.93	+269.93	-12.00	3.6	11.6
FX22770870	0215023433	65	+2.77	+2.73	+191.58	-8.00	3.5	8.5



HIGH INDEX MINERAL

HIGHEST SCRATCH RESISTANCE LENSES



1.70/35



Index (n_d)	Abbe Value (v_d)	Density (gcm ³)	Visible Transmittance (t%)
1.700	35.8	3.15	86.8

- ✓ Up to 25% thinner than 1.523nd glass.
- ✓ Very wide range of powers possible from +10.00 to -18.00 dpt.

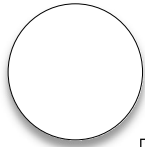
SFSV 1.70/35

ORDER CODE	OPC BARCODE	DIA (m m)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
FX10001465	0215021502	65	+0.00	+0.00	-	-14.00	4.5	18.5
FX10001265	0215021486	65	+0.00	+0.00	-	-12.00	2.8	14.8
FX11001265	0215023391	65	+1.00	+1.00	+523.00	-12.00	2.8	13.8
FX12001265	0215021585	65	+2.00	+1.91	+273.82	-12.00	2.8	12.8
FX12000865	0215021510	65	+2.00	+1.91	+273.82	-8.00	2.8	8.5
FX13000865	0215023045	65	+3.00		+186.78	-8.00	2.8	7.5
FX14000865	0215021593	65	+4.00	+3.92	+133.42	-8.00	2.8	6.5
FX160065	0215021213	65	+6.00	+5.80	+90.17	-6.00	7.5	7.0
FX180065	0215021221	65	+8.00	+7.70	+67.93	-6.00	9.5	7.0
FX10001070	0215020942	70	+0.00	+0.00	-	-10.00	4.0	15.7
FX11001070	0215022658	70	+1.00	+1.00	+523.00	-10.00	2.8	13.3
FX12001070	0215020959	70	+2.00	+1.91	+273.82	-10.00	2.5	12.0
FX12000870	0215023276	70	+2.00	+1.91	+273.82	-8.00	2.8	9.0
FX13000870	0215023441	70	+3.00	+2.93	+178.50	-8.00	2.8	8.0
FX14000870	0215023458	70	+4.00	+3.92	+133.42	-8.00	2.8	7.0
FX160070	0215021205	70	+6.00	+5.80	+90.17	-6.00	7.5	7.0
FX180070	0215022419	70	+8.00	+7.70	+67.92	-6.00	7.5	5.0



HIGH INDEX MINERAL

HIGHEST SCRATCH RESISTANCE LENSES



1.60/42



Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.600	41.2	2.63	89.5

✓ Best optical clarity in a high index lens.

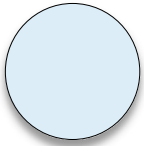
SFSV 1.60/42

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
16020765	0215021932	65	+2.07	+2.06	+253.62	-10.00	3.0	12.2
16040365	0215021940	65	+4.03	+4.01	+130.27	-6.00	5.1	7.2
16055265	0215022161	65	+5.52	+5.50	+95.11	-5.00	6.4	5.8
16063465	0215021957	65	+6.34	+6.32	+82.81	-5.00	7.4	5.9
16086565	0215021965	65	+8.65	+8.62	+60.69	-5.00	10.5	6.2
16093665	0215021171	65	+9.36	+9.32	+56.89	-5.00	10.5	5.3
16000070XT	0215023250	70	+0.00	+0.00	-	-6.00	7.2	14.0
16020770	0215021080	70	+2.07	+2.06	+253.62	-10.00	4.1	12.5
16040370	0215021098	70	+4.03	+4.01	+130.27	-6.00	5.1	7.6
16055270	0215021106	70	+5.52	+5.50	+95.11	-5.00	6.4	5.7
16063470	0215021114	70	+6.34	+6.32	+82.81	-5.00	9.3	7.5
16086570	0215021130	70	+8.65	+8.62	+60.69	-5.00	10.6	5.5



STANDARD INDEX MINERAL

HIGHEST SCRATCH RESISTANCE LENSES



BLUE CUT EXTRA UV420



Index (n_e)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.49692	61.7	2.30	86.0

- 1% Luminous transmittance at 420nm (+/-2)
- 50% Luminous transmittance at 430nm (-1.5/+2)
- 12% Lighter in weight than standard crown glass (2.30gcm^3)
- Highest abbe value of any Ophthalmic lens ($61.7v_d$)

SFSV BLUE CUT EXTRA

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
BCE44065	0215022492	65	+4.40	+4.40	+119.32	-6.00	4.7	7.0
BCE63965	0215022500	65	+6.39	+6.39	+81.85	-6.00	6.0	7.0

Chemtempering : Recommended bath and cycle (no preheating or postcooling)

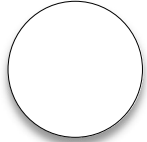
Bath : Potassium Nitrate 99.5% (Sodium Nitrate 0.5% max) Time : 16hr
Silicic Acid 0.5% 450 °C

Coating : Special attention is required to achieve an appropriate surface quality, including the selection of cleaning products used after surfacing and before coating. The use of strong acidic solutions shall be avoided. Shift in cut off wavelength is to be anticipated from the heat treatment associated to the coating process. It is recommended to check the final product for transmission properties.



STANDARD INDEX MINERAL

HIGHEST SCRATCH RESISTANCE LENSES



1.523 WHITE



Index (n _d)	Abbe Value (v _d)	Density (gcm ³)	Visible Transmittance (t%)
1.523	58.8	2.61	91.5

SFSV 1.523nd WHITE

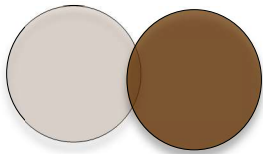
ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
SV065	0215010976	65	+0.00	+0.00	-	-10.00	4.5	14.5
SV20065	0215021742	65	+2.00	+1.91	+273.82	-8.00	3.5	9.2
SV40065	0215020926	65	+4.00	+3.92	+133.42	-7.00	4.2	7.0
SV60065	0215021478	65	+6.00	+5.80	+90.17	-6.00	7.1	6.5
SV78365	0215021700	65	+7.83	+7.80	+67.05	-9.00	9.5	4.5
SV97265	0215021650	65	+9.72	+9.68	+54.01	-9.00	10.5	8.0
SV115065	0215022336	65	+11.50	+11.50	+45.48	-9.00	13.0	9.3
SV124865	0215022344	65	+12.48	+12.48	+41.91	-9.00	14.0	8.5
SV070	0215011339	70	+0.00	+0.00	-	-10.00	4.0	15.5
SV20070	0215021692	70	+2.00	+1.91	+273.82	-10.00	4.5	13.5
SV40070	0215021445	70	+4.00	+3.92	+133.42	-6.00	4.0	6.0
SV60070	0215022054	70	+6.00	+5.80	+90.17	-6.00	7.5	7.0
SV20075	0215022476	75	+2.00	+1.91	+273.82	-8.00	4.0	11.0
SV40075	0215022286	75	+4.00	+3.92	+133.42	-8.00	6.0	10.0
SV50075	0215023003	75	+5.00	+5.00	+104.60	-6.00	7.0	7.5
SV60075	0215023201	75	+6.00	+5.80	+90.17	-6.00	7.5	7.0
SV71175	0215021262	75	+7.11	+7.08	+73.84	-9.00	8.5	10.5
SV080	0215012071	80	+0.00	+0.00	-	-6.00	6.5	16.0
SV40080	0215022617	80	+4.00	+3.92	+133.42	-8.00	6.2	10.0
SV60080	0215022625	80	+6.00	+5.80	+90.17	-6.00	5.0	5.0



PHOTOCHROMIC – HIGH INDEX **HIGHEST SCRATCH RESISTANCE LENSES**

- ✓ Proven en-masse photochromic technology from CORNING delivering consistent performance beyond the life of the prescription.
- ✓ Over 50 years of CORNING light adaptive lenses.

	Index (n _d)	Abbe Value (v _d)	Density (gcm ³)	Faded Visible Transmittance (t%)	Darkened Visible Transmittance (t%)
1.60 PB	1.604	42.0	2.80	84.0	27.0
1.60 PG	1.604	42.0	2.70	88.0	32.0

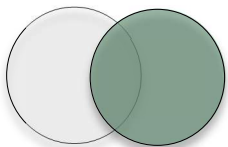


1.60 PHOTOBROWN



SFSV 1.60 PHOTOBROWN

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
PBX162071070	0215021841	70	+2.07	+2.06	+253.62	-10.00	4.5	14.0
PBX1640370	0215021924	70	+4.03	+4.01	+130.27	-8.00	5.0	9.5
PBX1663470XT	0215022559	70	+6.34	+6.32	+82.81	-3.51	11.0	7.0



1.60 PHOTOGRAY



SFSV 1.60 PHOTOGRAY

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
PGX1620770	0215021874	70	+2.07	+2.06	+253.62	-10.00	4.5	14.0
PGX1640370	0215021882	70	+4.03	+4.01	+130.27	-8.00	5.0	9.5
PGX1640370XT	0215022575	70	+4.03	+4.01	+130.27	-6.00	10.0	12.0



SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

PHOTOCHROMIC – HIGH INDEX HIGHEST SCRATCH RESISTANCE LENSES

- ✓ Proven en-masse photochromic technology from SCHOTT delivering consistent performance.
- ✓ Gray lens displays a warmer brown hue than traditional gray lenses

Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Faded Visible Transmittance (t%)	Darkened Visible Transmittance (t%)
1.604 PHOTO SOLAR BROWN	43.0	2.74	87.0	25.0
1.604 PHOTO SOLAR GRAY	43.0	2.74	87.0	25.0

SFSV 1.60 PHOTO SOLAR BROWN (P-S-B)

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
PSB1620765	0215021999	65	+2.07	+2.06	+253.62	-10.00	3.0	10.5
PSB1631665	0215022007	65	+3.16	+3.15	+166.14	-8.00	4.2	9.6
PSB1640365	0215022015	65	+4.03	+4.01	+130.27	-6.00	5.1	7.2
PSB1663465	0215022023	65	+6.34	+6.32	+82.81	-5.00	7.4	5.9
PSB1620770	0215023193	70	+2.07	+2.06	+253.62	-8.00	4.2	11.9
PSB1631670	0215021239	70	+3.16	+3.15	+166.84	-8.00	4.2	10.6
PSB1640370	0215021296	70	+4.03	+4.01	+130.27	-6.00	5.1	7.6
PSB1663470	0215021304	70	+6.34	+6.32	+82.81	-5.00	9.3	7.5
PSB1679170	0215021312	70	+7.91	+7.88	+66.37	-5.00	10.4	6.4
PSB1693665	0215021247	65	+9.36	+9.32	+56.09	-5.00	10.5	5.3

SFSV 1.60 PHOTO SOLAR GRAY (P-S-G)

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
PSG1620765	0215021320	65	+2.07	+2.06	+253.62	-10.00	3.0	12.2
PSG1631670	0215021338	70	+3.16	+3.15	+166.84	-8.00	4.2	10.6
PSG1640370	0215021346	70	+4.03	+4.01	+130.27	-6.00	5.1	7.6
PSG1663470	0215021353	70	+6.34	+6.32	+82.81	-5.00	9.3	7.5
PSG1679170	0215021361	70	+7.91	+7.88	+66.37	-5.00	10.4	6.4
PSG1693665	0215022031	65	+9.36	+9.32	+56.09	-5.00	10.5	5.3

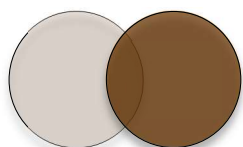


2025 v1



SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

PHOTOCHROMIC – STANDARD INDEX**HIGHEST SCRATCH RESISTANCE LENSES****1.523 PBX**

Index (n _d)	Abbe Value (v _d)	Density (gcm ³)	Faded Visible Transmittance (t%)	Darkened Visible Transmittance (t%)
1.523	56.4	2.43	86.0	22.0

- ✓ Proven en-masse photochromic technology from CORNING delivering consistent performance beyond the life of the prescription.
- ✓ Over 50 years of CORNING light adaptive lenses.

SFSV 1.523 PBX

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
PB1500065	0215021429	65	+0.00	+0.00	-	-10.00	2.5	12.5
PB1520065	0215021015	65	+2.00	+1.91	+273.82	-10.00	4.5	9.5
PB1540065	0215021544	65	+4.00	+3.92	+133.42	-6.50	2.6	5.0
PB1560065	0215021883	65	+6.00	+5.80	+90.17	-3.50	4.7	8.9
PB1580065	0215023219	65	+8.00	+7.70	+67.93	-4.00	10.0	2.0
PB152001070	0215023060	70	+2.00	+1.91	+273.82	-10.00	3.8	13.2
PB1525070	0215022716	70	+2.50	+2.43	+215.23	-11.00	3.5	15.9
PB1540080070	0215021619	70	+4.00	+3.92	+133.42	-8.00	4.2	9.0
PB1544070	0215022708	70	+4.40	+4.40	+119.32	-11.00	4.5	14.5
PB1560070	0215021536	70	+6.00	+5.80	+90.17	-4.00	5.1	2.2
PB1560070XT	0215022294	70	+6.00	+5.80	+90.17	-6.00	9.5	9.0
PB1563970	0215022740	70	+6.39	+6.39	+81.85	-7.00	7.0	6.5

FINISHED PLANO POWER 1.523 PBX

BOND TO 1.90/31, 1.80/35, 1.70/35

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	AVG CT
SLPBX00065	0215021726	65	+0.00	1.9
SLPBX20065	0215021742	65	+2.00	1.9
SLPBX40065	0215021767	65	+4.00	1.9

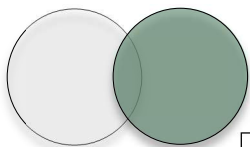


SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

PHOTOCHROMIC – STANDARD INDEX

HIGHEST SCRATCH RESISTANCE LENSES



1.523 PGX



Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Faded Visible Transmittance ($t\%$)	Darkened Visible Transmittance ($t\%$)
1.523	56.4	2.43	87.0	22.0

- ✓ Proven en-masse photochromic technology from CORNING delivering consistent performance beyond the life of the prescription.
- ✓ Over 50 years of CORNING light adaptive lenses.

SFSV 1.523 PGX

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
PG1500065	0215011270	65	+0.00	+0.00	-	-10.00	2.5	12.5
PG1520065	0215020934	65	+2.00	+1.91	+273.82	-10.00	4.5	12.5
PG1540065	0215021551	65	+4.00	+3.92	+133.42	-6.50	2.7	5.0
PG1560065	0215021577	65	+6.00	+5.80	+90.17	-6.00	5.5	5.0
PG15865	0215016564	65	+8.25	+8.04	+65.15	-4.00	8.5	3.5
PG1520070	0215021577	70	+2.00	+1.91	+273.82	-10.00	4.5	14.0
PG1540065070	0215021528	70	+4.00	+3.92	+133.42	-6.50	2.6	5.2
PG1540080070	0215021627	70	+4.00	+3.92	+133.42	-8.00	4.2	9.0
PG1560070	0215021569	70	+6.00	+5.80	+90.17	-4.00	5.1	2.2
PG1560070XT	0215022302	70	+6.00	+5.80	+90.17	-6.00	10.0	9.5

FINISHED PLANO POWER 1.523 PGX

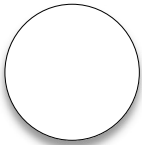
BOND TO 1.90/31, 1.80/35, 1.70/35

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	AVG CT
SLPGX00065	0215021734	65	+0.00	1.9
SLPGX20065	0215021759	65	+2.00	1.9
SLPGX40065	0215021775	65	+4.00	1.9



X-RAY RADIATION SHIELDING

HIGHEST SCRATCH RESISTANCE LENSES



MED-X XRAY



Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.76	30.0	4.80	86.9

- ✓ Most used X-RAY shielding material from CORNING for hospitals worldwide.
- ✓ Increased range from late 2018 to include +2.50bc and +8.00bc.

X-RAY TUBE VOLTAGE

Glass thickness Range (mm)	80 kV	100 kV	110 Kv	150 Kv	200 Kv	250 kV	300 kV
1.6	-	0.5	0.5	0.4	0.38	0.38	0.38
1.9	-	0.6	0.6	0.53	0.47	0.47	0.47
2.5-3.0	-	0.8	0.8	0.7	0.62	0.62	0.62
3.5 - 5.0	1.2	1.3	1.2	1.0	0.9	0.9	0.9
5.0 - 6.5	1.7	1.7	1.6	1.5	1.3	1.3	1.3
7.0 - 8.5	2.3	2.3	2.3	2.1	1.8	1.8	1.8
8.5 - 10.0	2.8	2.8	2.8	2.5	2.2	2.2	2.2

SFSV MED-X X-RAY

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
XRAY25073	0215022062	73	+2.50	+2.50	+209.20	-6.25	7.0	11.0
XRAY41073	0215022070	73	+4.10	+4.10	+127.56	-6.25	9.0	11.0
XRAY60073	0215022088	73	+6.00	+5.96	+87.75	-6.25	9.0	8.5
XRAY80070	0215022096	70	+8.00	+7.98	+65.54	-6.25	9.0	7.0

SB recommends minimum centre/edge thickness of 2.5mm on X-Ray Rx lenses.

FINISHED PLANO POWER MED-X X-RAY

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
SLXRAY67325	0215020793	73	+6.00	+5.96	+87.75	-6.03	2.5	2.5



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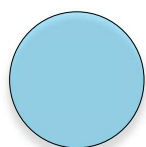


SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

SPECIALIST SHIELDING

HIGHEST SCRATCH RESISTANCE LENSES



ACE-3



Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.523	49.8	2.63	45.24

- ✓ Absorbs bright yellow sodium flare (589nm) which occurs when heating glass.
- ✓ Protects the eye from certain visible and UV light produced in the glass blowing process, enabling the glassblower to see the glass while it is being worked in the kiln.

SFSV ACE-3

AS OF 24TH DECEMBER 2024
THERE IS NO ACE-3 RAW MATERIAL
AND WE ARE CURRENTLY SEARCHING FOR A
REPLACEMENT MATERIAL THAT IS SUITABLE
FOR GLASS-BLOWING APPLICATION



2025 v1

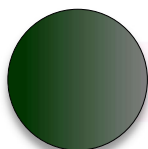


SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

FIXED TINT SUNLENSES

HIGHEST SCRATCH RESISTANCE LENSES



GRAY-15



Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.523	49.7	2.56	14.6

- ✓ The original, classic cool gray-green sunglass tint.
- ✓ Highly polished mineral providing optically superior lenses to organic lenses.

SFSV GRAY-15

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
G1544070	0215023185	70	+4.40	+4.40	+119.32	-6.00	7.0	
S15671	0215022153	71	+6.25	+6.08	+86.02	-6.00	5.8	5.0
F15670	0215004383	70	+6.25	+6.12	+85.46	-6.00	5.8	5.0

FINISHED PLANO POWER LENSES GRAY-15

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
SLF15	0215021031	70	+6.00	+6.00	-	-6.00	2.1	2.1

SFSV GRAY-15 TOUGH

Chemically toughened Gray-15 finished plano power substrate bonded to a standard SFSV 1.523nd White lens to provide a tougher solution for those who want the best optics and safety. The Rx lens also benefits from uniform colour across the full surface of the lens no matter what power is prescribed.

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
G1541070	0215023094	70	+4.10	+4.10	+127.56	-6.00	7.6	9.0
G1560070	0215023102	70	+6.00	+5.96	+86.02	-6.00	9.3	8.2



2025 v1

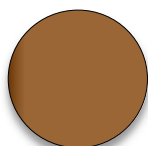


SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

FIXED TINT SUNLENSES

HIGHEST SCRATCH RESISTANCE LENSES



BROWN-15



Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.523	49.7	2.56	14.8

- ✓ The classic warm brown sunglass tint.
- ✓ Highly polished mineral providing optically superior lenses to organic lenses.

SFSV BROWN-15

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
B15470	0215013483	70	+3.98	+3.92	+131.41	-8.00	5.4	9.8
B15670	0215013491	70	+5.96	+5.96	+87.75	-7.00	6.0	6.0

FINISHED PLANO POWER LENSES BROWN-15

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
SLB15	0215022047	70	+6.00	+5.96	+87.75	-6.00	1.9	1.9

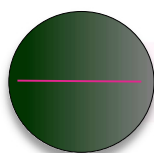


2025 v1



SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

POLARIZED FIXED TINT SUNLENSES**HIGHEST SCRATCH RESISTANCE LENSES****POLAR GRAY-GREEN**

Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.523	58.0	2.58	13.6

- ✓ Classic cool gray-green tinted lenses with 99.5% Polarization efficiency.
- ✓ State of the art manufacturing technique producing Polarized lenses with total thickness of 1.9mm – the sunglass lens with micro thin polarized film is sandwiched between two chemically toughened UV400 lenses to make an ultra tough solution.

SFSV POLAR GRAY-GREEN

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
AGN15U470	0215022203	70	+4.50	+4.48	+116.74	-6.03	6.4	8.4
AGN15U670	0215022211	70	+6.00	+5.96	+87.75	-6.03	8.4	8.0

FINISHED PLANO POWER POLAR GRAY-GREEN

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
SLAGN15U470	0215022229	70	+4.50	+4.48	+116.74	-4.60	1.9	1.9
SLAGN15U670	0215022237	70	+6.00	+5.96	+87.75	-6.03	1.9	1.9

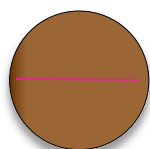


2025 v1



SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

POLARIZED FIXED TINT SUNLENSES**HIGHEST SCRATCH RESISTANCE LENSES****POLAR BROWN**

Index (n_d)	Abbe Value (v_d)	Density (gcm^3)	Visible Transmittance ($t\%$)
1.523	54.0	2.52	13.4

- ✓ Classic warm brown tinted lenses with 99.5% Polarization efficiency.
- ✓ State of the art manufacturing technique producing Polarized lenses with total thickness of 1.9mm – the sunglass lens with micro thin polarized film is sandwiched between two chemically toughened UV400 lenses to make an ultra tough solution.

SFSV POLAR BROWN

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
EPB622U470	0215022245	70	+4.50	+4.48	+116.74	-6.03	6.4	8.0
EPB622U670	0215022252	70	+6.00	+5.96	+87.75	-6.03	8.4	8.0

FINISHED PLANO POWER POLAR BROWN

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	CVX 1.523	CVX RADIUS	NOM CCV	AVG CT	AVG ET
SLEPB622U470	0215022260	70	+4.50	+4.48	+116.74	-4.60	1.9	1.9
SLEPB622U670	0215022278	70	+6.00	+5.96	+87.75	-6.03	1.9	1.9

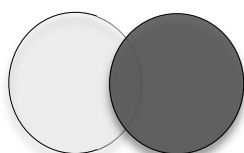


2025 v1



SEMI-FINISHED & PLANO POWER MINERAL LENSES

DESPATCH WITHIN 1 DAY

FINISHED PLANO POWER**HIGHEST SCRATCH RESISTANCE LENSES****SPRINT GRAY**

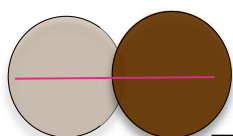
Index (n_d)	Faded Visible Transmittance (t%)	Darkened Visible Transmittance (t%)
1.523	90.0	8.0%

High performance photochromic material.

- ✓ Darkens to 18.1% sunglass tint in 32 seconds.
- ✓ 3% Clearer and 14% Darker than PGX.

FINISHED PLANO POWER SPRINT GRAY

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	AVG CT
SLSPGR	0215011628	70	+6.00	1.9

**POLAR COPPER PHOTO**

Index (n_d)	Faded Visible Transmittance (t%)	Darkened Visible Transmittance (t%)
1.523	24.0	9.0%

- ✓ A combination of two major optical technologies to produce a lens that offers a more versatile, high quality polarized option for varying light conditions.
- ✓ Engineered to enhance red, yellow and green colours.
- ✓ Perfect driving lens.

FINISHED PLANO POWER POLAR COPPER PHOTOCHROMIC

ORDER CODE	OPC BARCODE	DIA (mm)	NOM CVX	AVG CT
SLCCE	0215013764	70	+6.00	2.4