



1.586

“UD” Uniform Density IR Lenses Another Vision Dynamics First!

UD “Uniform Density” Infrared Protection in RX Lenses. The color and infrared protection is on the front surface of the lens blank and it is protected by a clear hardcoat. When these lenses are surfaced, the color is not affected by the resulting curves so the density and performance are uniform edge to edge.

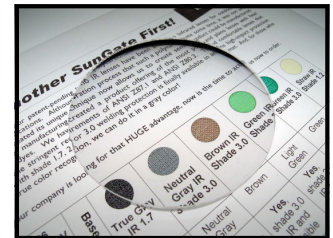
If your company is looking for that high performance solution to the need for infrared protection, now is the time to act. Call us now to order.



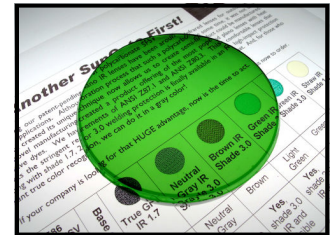
The picture to the left shows a clear polycarbonate blank and a UD Uniform Density IR Green Blank after the proprietary Sungate colorization process.

Outdoor and Welding Rx Lenses

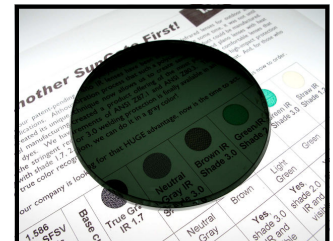
Clear blank before Sungate Colorization



Clear blank after Sungate Colorization
UD Uniform Density IR Green



Clear blank after Sungate Colorization
UD Uniform Density IR Gray



When it comes to filters and colorization, we have the answers

10106 Bluegrass Parkway, Louisville Ky. 40299 Phone: 502-213-0731 Fax: 502-213-0742

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




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Introducing our patent-pending line of polycarbonate SFSV and Plano Infrared lenses for outdoor and welding applications. Although plano IR lenses have been around for quite some time, it was not until SunGate created its unique coloration process that such a polycarbonate product could be manufactured. Our novel manufacturing technique now allows us to create semi-finished and plano lenses with heat sensitive dyes. We have created a product offering of the most popular and comfortable lenses that meets the stringent requirements of ANSI Z87.1 and ANSI Z80.3. This means high-impact protection along with shade 1.7, 2.0 or 3.0 welding protection is finally available in an Rx format. And, for those who want true color recognition, we can do it in a gray color!

If your company is looking for that HUGE advantage, now is the time to act. Call us now to order.

Ultimate Infrared Rx Lenses

1.586 index SFSV Stock #s	Base curve	 True Gray IR 1.7	 Neutral Gray IR Shade 3.0	 Brown IR Shade 3.0	 Green IR Shade 2.0	 Green IR Shade 3.0	 Straw IR Shade 1.2
Diameter (in mm)							
Lens Color		True Gray	Neutral Gray	Brown	Light Green	Green	Straw
ANSI Z87.1 Shade Markable		No, shade 1.7 IR and shade 3.0 visible	Yes, shade 3.0 IR and visible	Yes, shade 3.0 IR and visible	Yes, shade 2.0 IR and visible	Yes, shade 3.0 IR and visible	Yes, shade 1.2 IR and visible
% Visible	Ave	12%	10%	12%	35%	10%	85%
IR % T	Ave	20%	< 9.0%	< 9.0%	< 15%	< 9.0%	< 30%
73	2.00	1802	1812	1792	1762	1772	1782
76	4.00	1803	1813	1793	1763	1773	1783
76	6.00	1805	1815	1795	1765	1775	1785
76	8.00	1807	1817	1797	1767	1777	1787
75x2 plano	6.00	0906	0993	0903	0901	0981	0983
75x2 plano	8.00	0908	0994	0904	0902	0982	0984

- All lenses that meet ANSI Z87.1, can be shade marked accordingly. Lens can additionally be labeled with a "+" indicating high-impact capability if surfaced to a minimum thickness of 2.0 mm. Please refer to the latest revision of the ANSI Z87.1 standard for more information. Plano lenses are 2.0mm thick and the 8 base plano design is de-centered.



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