

NUPOLAR[®]

infinite grey

*The most versatile
polarized Rx sunlens*



**YOUNGER
OPTICS** 
The Optical Lens Innovators

NUPOLAR®

infinite grey

As a leader of polarized ophthalmic sunwear, Younger optics conducted extensive studies on lens preferences of ophthalmic lens users. The difference in light sensitivity, life style and prescription of various users often determines the choice of sunwear lenses or, in some cases, lead to decision not to use sunwear at all.

The most common complaint from ophthalmic lens users is that their lenses are either too light or too dark typically at the wrong times.

The users of corrective eyewear have radically different approach to sunglasses than people without eye correction requirement. The lens adaptability and performance is much more important for Rx patients. They do not have an option to simply remove the sunglasses when lighting conditions change. They can only replace one pair of corrective eyewear with another.

That is why it is extremely important to offer them the lens which will be comfortable for most of Rx patients in most of the situation.

Introducing Nupolar Infinite Grey – the most versatile Rx sunlens.

It combines polarization technology with photochromic and offers the widest available today range of light absorption characteristics.

Nupolar Infinite Grey can be the lightest or the darkest⁽²⁾ polarized lenses in the same pair of eyewear

depending on the light conditions while maintaining **consistent 99% polarization efficiency** and blocking virtually all blinding glare. The unique photochromic technology allows Nupolar Infinite Grey to change its light handling properties extremely fast providing the required amount of light in every day time situation.

Lightest state – 60% Absorption⁽¹⁾

Darkest State – 91% Absorption⁽²⁾⁽³⁾



Notes:

1. Absorption data is measured for AR coated finished lenses.
2. The highest permissible by standard light Absorption is 92%.
3. Absorption and speed of change may vary depending on the temperature. The declared values are measured at 24° C.



60% absorption
For low-light daytime situations



68% absorption
twilight



72% absorption
shade



75% absorption
cloudy



80% absorption
partly cloudy



85% absorption
partly sunny

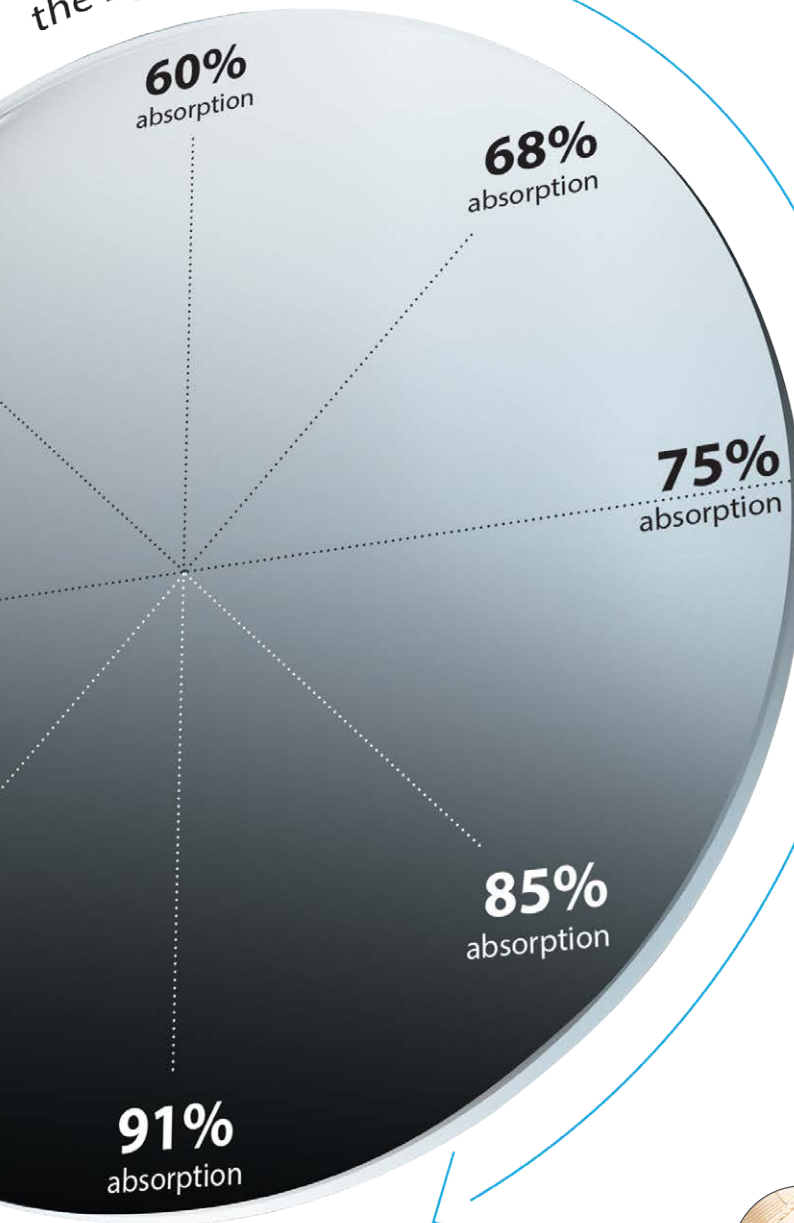


88% absorption
direct sun



91% absorption
maximum protection from intense sunlight

the **lightest** state



the **darkest** state

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SEMI-FINISHED LENS AVAILABILITY

material index	base curves
1.50	1,2,3,4,5,6,7,8
1.586 polycarbonate	1,2,3,4,5,6,7,8