

Transitions® Lenses Product Availability Guide

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Gray, Brown, Graphite Green



Ruby, Sapphire, Amethyst, Amber, Emerald



Gray, Brown, Graphite Green



Mirrors: Gold, Silver Shadow, Pink, Red, Green, Blue^[**]



Gray



Olive Green to Copper to Dark Red-Brown



Fully clear indoors



Clear with a hint of protective tint indoors



Clear with a hint of protective tint indoors



Tinted not recommended for indoor



Darkens outdoors in seconds^[1]



Dark in hot temperatures^[3]



Activates in the car^[5]



Activates in the car



Blocks 100% UVA & UVB rays.
Filters up to 32% of blue-violet light indoors and up to 85% outdoors 2^[2]



Blocks 100% UVA & UVB
Help protect from UV and filter blue-violet light^[4]



Blocks 100% UVA & UVB
Help protect from UV and filter blue-violet light^[7]



Blocks 100% UVA & UVB



Returns clear faster than ever



Darkens in the car^[5]



Less glare up to 90% Polarization efficiency^[8]



Always polarized

Check with your lens supplier for remaining availability for *Transitions® GEN 8™* lenses.

* The darkest in hot temperatures & in the car, blocking 100% UVA & UVB and offering the best overall blue-violet filtration across light situations* among clear to extra dark photochromic lenses. *Filtering blue-violet (between 400 and 455nm ISO TR 20772:2018) among polycarbonate and CR39 gray lenses with a premium anti-reflective coating: filtering (i) up to 45% indoors at 23°C, (ii) up to 64% behind the windshield, (iii) up to 86% outdoors at 23°C and (iv) up to 83% outdoors at 35°C.

** EcoOptics Limited - Prof. Nicholas Roberts, Quantitative study evaluating the visual benefits of the polarization properties of lenses compared to similar non-polarized lenses, 2019/2020.

*** Style Mirrors are available where gray and brown *Transitions® XTRActive®* are available. Specify *Transitions* lenses in style mirrors (**no substitutions**) with your lab to ensure authenticity.

[1] For polycarbonate & CR39 lenses across colors achieving 18% transmission at 23°C.

[2] For polycarbonate and CR39 lenses across colors. Blue-violet light is measured between 400nm and 455nm (ISO TR 20772:2018)

[3] Clear to extra dark photochromic category. Polycarbonate and 1.5 gray lenses tested at 35°C achieving <18%T using Transitions Optical's standard testing method

[4] Transitions® XTRActive® filters up to 45% of blue-violet light indoors and up to 86% of blue-violet light outdoors. Tests performed on gray lenses with a premium anti-reflective coating. Blue-violet light is between 400 and 455nm (ISO TR 20772:2018).

[5] Clear to extra dark photochromic category. Polycarbonate and 1.5 gray lenses tested at 23°C behind the windshield achieving between 18%T and 43%T.

[6] Based on tests across materials on gray lenses, achieving transmission below 45% @ 23°C behind a standard windshield. The lens achieves a polarization efficiency of 30% behind the windshield, which is not classified as being "polarized."

[7] Transitions® XTRActive® Polarized filters up to 45% of blue-violet light indoors and up to 90% of blue-violet light outdoors. Tests performed on gray lenses with a premium antireflective coating.

[8] Based on tests across materials on gray lenses @ 23°C, using ISO 12312-1 standard.

Style Mirrors are available where gray and brown *Transitions® XTRActive®* are available. Specify *Transitions* lenses in style mirrors (**no substitutions**) with your lab to ensure authenticity.

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