

Photochromic Solution:

Photochromic Material

Photochromic materials are transparent materials which exhibit increased light absorption when they are exposed to light. They can be optical glasses or plastic materials. The photochromic properties usually result from the addition of a photochromic substance to a transparent material.

Typically, such materials are used in sunglasses which automatically adapt to the light conditions: they transmit most light if it is not too bright, but get increasingly dark when exposed to sunlight. The photo darkening can occur within less than a minute; the recovery to the clear state may take several minutes, depending on the temperature.

Areas of Use

Recording media (optical memory, electronic paper), sensor applications (ultraviolet indicator), light control materials (window glass, sunglasses), etc.

Product Overview :

Exceptional Optical Clarity

Dip Coat and Thermal Cure Process

Compatible with A/R and Metallizing Coating treatments

Performance Features :

Delivers best-in-class photochromic performance on all lens materials

Fast Darkening and Fading Speed

Excellent product durability and stability

Grey and Brown photochromic color options

Product Series:

No.	Photochromic Material (Color)
1	Blue
2	Green
3	Lemon Yellow
4	Sunflower Yellow
5	Purple
6	Ash Grey
7	209
8	Sky Blue
9	RIO Blue
10	Amazone Green

