

Photochromics & Filters for Low Vision & TBI

Why choose Chadwick Optical

for your specialty RX tints? All of our tints are matched to our in-house sample using a spectrophotometer to check transmittance & wavelengths, then each lens is visually compared under three separate light sources to ensure accuracy. Do you have a favorite color of your own? Send us a sample. We'll match it using the same process.

The History

Chadwick Optical's Variable Tint (VT) & Filter Vision (FV) products were inspired by doctors who were concerned about dispensing Corning's CPF line of glass photochromics to their low vision patients. Through thousands of hours of research & development, Chadwick discovered how to match these colors in a CR-39 material, & even make them in photochromic!

The product availability has expanded considerably over the years, & now can be produced in Trivex and 1.67 in addition to CR-39 & Polycarbonate. Most tints are available in single vision, bifocals, trifocals, & even some of our specialty free-form lens designs.

Lens Availability

High add progressives, high add flat-tops, myodiscs, lenticulars, even Franklin and sector designs are available in both VT and filter vision. The chart below is designed to serve as an availability guide, but please ask even if you don't see it here. We can usually find a way to do what you want.

If you don't see what you're looking for on the chart, give us a call! We can usually find a way to do what you want.



Polarization and Extra Dark Filters

Many of the darker color matches to NOIR, Eschenbach & Cocoons are available from Chadwick in RX polarized sun lenses. Plums, ambers, blues, greens, and greys are all available in polarized. We can get down to a 1% light transmission in case the darkest lens you have just isn't quite dark enough.

Color Availability

Chadwick can make most of the colors from NOIR Medical, & the very popular FL-41 tint for migraines. There's no need to send tint samples.

We keep a full on-site library of colors from NOIR Medical, Eschenbach & Cocoons.

Chadwick Optical is the nation's leading manufacturer of custom low-vision Rx's and specialty tints. High adds, highplus, high minus, high prism. Remember us for your extraordinary Rx's. We're up for the challenge!

	CR39	POLY	TRIVEX	1.60	1.67
SINGLE VISION	♣ ♦	♣ ♦	♣ ♦	♣ ♦	♣ ♦
FLAT TOP 28	♣ ♦	♣	♣ ♦	♣	♣
FLAT TOP 35	♣ ♦	♣		♣	
7 X 28 TRIFOCAL	♣ ♦	♣	♣ ♦		
PROGRESSIVE	♣ ♦	♣ ♦	♣ ♦	♣ ♦	♣ ♦
ROUND BIFOCAL	♣ ♦	♣ ♦	♣ ♦	♣ ♦	♣ ♦

♣ Available in Filter Vision ♦ Available in VT Photochromic

Flippers



Trial Lenses



NOIR Key Ring

70 Noir Colors plus:
3 shades of FL-41
3 shades of E Blue
COI Plum
Nighthawk
COI 507



**CHADWICK
OPTICAL**

Family owned & operated since 1981

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*See back of sheet for a comprehensive list of available tints.