

# FAQs

## Frequently Asked Questions

### **Q: What are CPF Tints and where can I order them?**

CPF Tints are listed in the *Eye Talk Reference Guide* in a table called “Suggested Tints & Filters”. What are they, where do they come from and how can they be ordered?

### **A: Developed by Corning Medical Optics for specific clinical applications.**

The CPF Tints were developed by Corning Medical Optics in the early 1990’s. They are glass photochromic lenses in colours designed for specific eye conditions and clinical applications.

#### **CPF 511**



**Yellow/Amber:** Medium-range filter provides moderate blue light filtering while permitting longer wavelengths of lower energy light to pass through. Lens colour varies from orange-yellow when lightened to brown when darkened. Intended for patients with:

- Macular degeneration
- Developing cataracts
- Glaucoma
- Aphakia
- Pseudophakia
- Optic atrophy

#### **CPF 527**



**Orange/Amber:** Giving individuals better visual function and reduced glare. Lens colour varies from orange when lightened to brown when darkened. Intended for patients with:

- Diabetic retinopathy
- Photophobia
- Retinitis pigmentosa
- Corneal dystrophy
- Albinism

#### **CPF 550**



**Red/Amber:** Relieves the stress of intense sensitivity to light and poor dark adaptation. Lens colour varies from orange-red when lightened to brown when darkened. Intended for patients with:

- Retinitis pigmentosa
- Albinism

#### **Effects of CPF Lenses:**

CPF lenses attenuate 100% of UVB and block 99% of UVA. The blue light portion of the visible spectrum is most likely to scatter in the eye, causing discomfort and hazy illusion and CPF lenses attenuate 98% of high-energy blue light.

#### **Ordering CPF Lenses:**

Corning CPF Glare Control Lenses are distributed by Vision Advantage International, located in the United States. They supply CPF lenses as clip-ons, plano, single vision, bifocal, trifocal and progressives. Visit [www.visionadvantage.net/corningmedicaloptics.htm](http://www.visionadvantage.net/corningmedicaloptics.htm)

#### **Tinting to Match CPF Lenses:**

Another option for some practitioners is to tint a resin lens to match a CPF sample. These are then not photochromic, but the tint density can be selected for indoor or outdoor use. Some laboratories have samples of the CPF colours; others try to match the descriptions; while some practitioners have purchased clip-ons or planos from Vision Advantage International and use these for clinical trials and as matching samples.

#### **Warnings:**

CPF lenses do not pass some ANSI traffic signal requirements. Patients should be sure they can distinguish the colours in traffic signals before driving. Like any strongly tinted lenses, they should not be worn for night driving. CPF550 lenses are not recommended for any driving, night or day.

#### **More Information:**

Vision Advantage International (Distributor) - [www.visionadvantage.net/corningmedicaloptics.htm](http://www.visionadvantage.net/corningmedicaloptics.htm)

Corning Ophthalmic (formerly Corning Medical Optics) - [www.corning.com/ophthalmic/index.aspx](http://www.corning.com/ophthalmic/index.aspx)

Corning Glare Control Lenses - [www.abledata.com/abledata.cfm?pageid=113583&top=0&productid=85692&trail=0](http://www.abledata.com/abledata.cfm?pageid=113583&top=0&productid=85692&trail=0)