

# Riverside

Canada's  
atelier lab

## Anti-reflective coatings

ADVANCED TECHNOLOGIES FOR EXCEPTIONAL VISUAL  
PERFORMANCE AND PROTECTION

# Anti-reflective coatings

At Riverside, perfect vision doesn't stop at the prescription, it extends to the clarity, comfort, care and longevity of the lens. Our suite of premium anti-reflective coatings represents the pinnacle of optical engineering, where precision meets protection.

## WHAT ARE ANTI-REFLECTIVE COATINGS?

Anti-reflective (AR) coatings are sophisticated lens treatments designed to eliminate reflections from both the front and back surfaces of eyeglass lenses. These ultra-thin multi-layer coatings allow more light to pass through the lens, resulting in clearer vision, reduced eye strain, and lenses that are virtually invisible.







WHY YOUR PATIENTS NEED AR COATINGS

Enhanced Visual Clarity

Uncoated lenses reflect approximately 8% of light that hits them, causing distracting glare and reduced contrast. Our premium AR coatings reduce reflections to less than 0.5%, allowing 99.5% of available light to reach the eye for superior visual acuity.

Superior Comfort

By eliminating reflections that cause eye strain, our AR coatings provide exceptional comfort during prolonged visual tasks like computer work, driving, or reading. Patients experience less fatigue and more comfortable vision throughout their day.

Unmatched Protection

Beyond clarity, our AR coatings incorporate advanced protection features:

- + Scratch resistance that shields lenses from daily wear
- + Smudge resistance that repels oils, water, and fingerprints
- + UV protection that safeguards eyes from harmful backside reflections
- + Blue light filtering options that protect eyes from digital device strain

Easier Maintenance & Longevity

Our advanced AR coatings make lenses significantly easier to clean, with smudge-resistant technology that allows dirt, water, and oils to slide off effortlessly. This not only improves day-to-day clarity but also extends the life of the lenses, making them a superior long-term investment for patients.

Aesthetic Appeal

AR coatings enhance the appearance of eyeglasses by reducing reflections that obscure the wearer's eyes. This allows for more natural eye contact and a more attractive appearance in all lighting conditions.

# CHC

AFFORDABLE ANTI-SCRATCH AND CLARITY BOOSTING COATING

CHC

CHC coating is a specialized anti-reflective treatment, designed to enhance visual clarity and comfort for eyeglass wearers.

Advantages

- + Superior Scratch Resistance
- + Enhanced Clarity: minimizes surface defects to provide sharper, more comfortable vision.

Reflection Colour

Clear

Great Value





# HMC+

MULTI-LAYERED PROTECTION IN A SINGLE TREATMENT



HMC+ is a high-performance, multi-layer anti-reflective coating applied to optical lenses.

It combines multiple functional layers—including anti-reflective, scratch-resistant, and super-hydrophobic coatings—into a single

treatment. Designed for durability and visual clarity, HMC+ ensures a superior lens-wearing experience.

### Advantages

- + Superior scratch resistance
  - + Water repellence
  - + Glare reduction
  - + Smudge resistance
  - + Oil repellence
  - + UV protection
- (available only from the Ottawa Lab)

### Reflection Colour

Green



# CHC AR Ultra UV

PREMIUM LENS PROTECTION FROM THE EVERYDAY  
WEAR AND TEAR

**CHC**<sup>AR</sup> *Ultra UV*

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CHC AR Ultra UV is a premium anti-reflective coating that improves visual clarity by reducing surface reflections.

It features integrated ultraviolet (UV) protection, including a specialized layer on the backside of the lens to block harmful UV rays reflected into

the eyes. Designed for long-lasting performance, it helps keep lenses clean, clear, and comfortable for daily wear.

### Advantages

- + Superior scratch resistance
- + Superior water repellence
- + Superior glare reduction
- + Smudge resistance
- + Oil repellence
- + UV protection

### Reflection Colour

Green / Yellow



*Also available in back side only*

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# CHC AR Satin

OUR MOST ADVANCED AND PERFORMANT  
ANTI-REFLECTIVE LENS COATING

**CHC**<sup>AR</sup> *Satin*

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CHC AR Satin is a premium anti-reflective lens coating designed to deliver unmatched clarity, durability, and protection.

Engineered with advanced hydrophobic and oleophobic layers, it repels water, oils, and dust; making lenses easier to clean and more resistant to everyday wear.

This coating not only enhances visual performance but also ensures long-lasting comfort and protection, backed by a 2-year patient satisfaction warranty.

### Advantages

- + Superior scratch resistance
- + Superior water repellence
- + Superior glare reduction
- + Superior smudge resistance
- + Superior oil repellence
- + Dust repellence
- + UV protection

### Reflection Colour

Clear with a green residual reflection



*2 year patient satisfaction warranty*

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# CHC AR Blocker

PROTECTION FROM HARMFUL UVA AND UVB LIGHT

**CHC**<sup>AR</sup> *Blocker*

*A certificate of authenticity  
2 year manufacturer guarantee*

The CHC AR Blocker coating filters out the harmful light of the blue-violet and ultra-violet range from natural and artificial light sources, while letting the good light pass through. This leads to a more comfortable and relaxed vision as well as a better contrast perception when using electronic devices, over the whole day.

### Advantages

- \* Special blue filter for reduction of harmful blue light impact
- \* Superior scratch resistance
- \* Water repellence
- \* Glare reduction
- \* Smudge resistance

### Reflection Colour

Front: Purple / Blue  
Back: Green





# CHC AR Fog X

CLEAR VISION IN VARYING TEMPERATURES AND HUMIDITY



CHC AR FOG X is an advanced lens coating that integrates both anti-reflective and anti-fog technologies.

Applied to both sides of the lens, it enhances visual clarity by reducing reflections and prevents fogging with a special treatment activated daily using a provided microfiber cloth.

### Advantages

- \* Superior scratch resistance
- \* Superior water repellence
- \* Superior glare reduction
- \* Anti-Fog in varying temperatures and humidity

### Reflection Colour

Clear with a green residual reflection

*Perfect for patients who wear masks regularly (healthcare workers, dental professionals and lab technicians) or work in environments with temperature fluctuations, including chefs, delivery drivers, warehouse staff, or outdoor workers.*

# KODAK TotalCleAR Lenses

THE DAWN OF A NEW ERA IN LENS PROTECTION

KODAK TotalCleAR Lenses are the total package with all the benefits of a great lens coating and incredible improvement in scratch resistance.

KODAK TotalCleAR Lenses offer premium performance and protection from UV rays to nighttime

reflections, smudges and unsightly scratches for a longer-lasting clarity of vision.

### Advantages

- + Superior scratch resistance
- + Great clarity and contrast
- + Easy to clean
- + Aesthetically pleasing
- + Heat resistance
- + UV protection

### Reflection Colour

Green














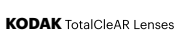

*2X the scratch resistance compared to existing KODAK Clean&CleAR UV Lenses*





Comparison Chart  
Anti-Reflective Coatings

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Super Hydrophobic									
Advantages	Reflection colours	Scratch Resistance 	Water Repellence 	Glare Reduction 	Smugle Resistance 	Oil Repellence 	Dust Repellence 	ROL UV 	Blue Light Protection 
		★★★							
	Green Yellow	★★★	★	★★	★	★			
	Green Yellow	★★★	★★★	★★★	★★	★		Yes	
<small>backside</small> 	Green Yellow	★★★	★★★	★★★	★★	★		Yes	
	Green	★★★	★★★	★★★	★★★	★★★	★	Yes	
	Green	★★★	★★★	★★★	★★★	★★★	★	Yes	
	Purple Blue	★★★	★★★	★★	★★	★			Yes

All Riverside CHC coatings include a 2-year patient satisfaction warranty.



## OUR CANADIAN BRANCHES

OTTAWA, ON  
2485 Lancaster Rd.  
613 523-5765

CALGARY, AB  
3408 25th STREET NE,  
403 235-5070

MISSISSAUGA, ON  
2390 Dunwin Dr.  
905 607-6203

LONDON, ON  
4093 Meadowbrook Dr.  
519 649-6200

LAVAL, QC  
3113 Boul. Industriel  
450 622-8668

WATERLOO, ON  
60 Bathurst Dr.  
519 576-9920