Claria H

ASSL Method

Aqua Safety Shield Layers

SPECTRUM

INTERNATIONAL

Claria H IS COMFORT

Claria H lenses have two geometries which are **Claria H Toric** designed for users with astigmatism helping them to have a clearer and more stable vision during the day and **Claria H Spherical** for the correction of myopia or hyperopia providing clear vision even in low light or low contrast.

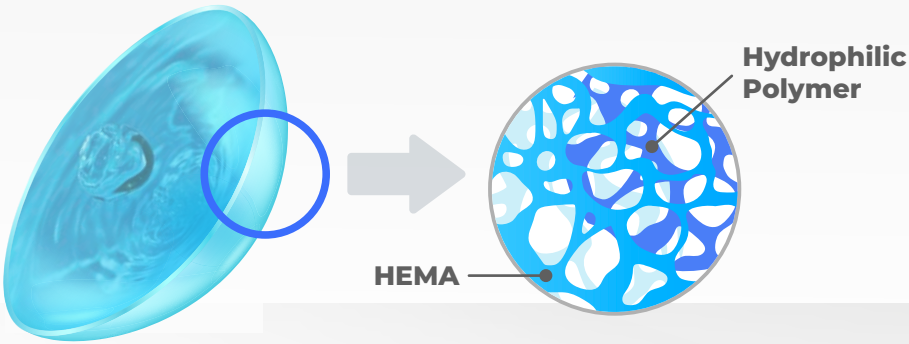
Claria H lenses are made of Hioxifilcon D material that promotes the accumulation of water on the surface of the cornea and reduces friction with the eye. Thanks to its moisturizing properties, **Claria H** lenses are unlikely to dehydrate, making them comfortable to wear. The Hioxifilcon D material contains an excellent degree of hydration with a 55% water content, which allows the ocular hydration to be maintained continuously, making **Claria H** a more comfortable lens for a large part of the wearing time.

It also has a Class II UV filter that blocks over 15% UVA and over 60% UVB radiation.

ASSL Method

Aqua Safety Shield Layers

Easy and comfortable fitting

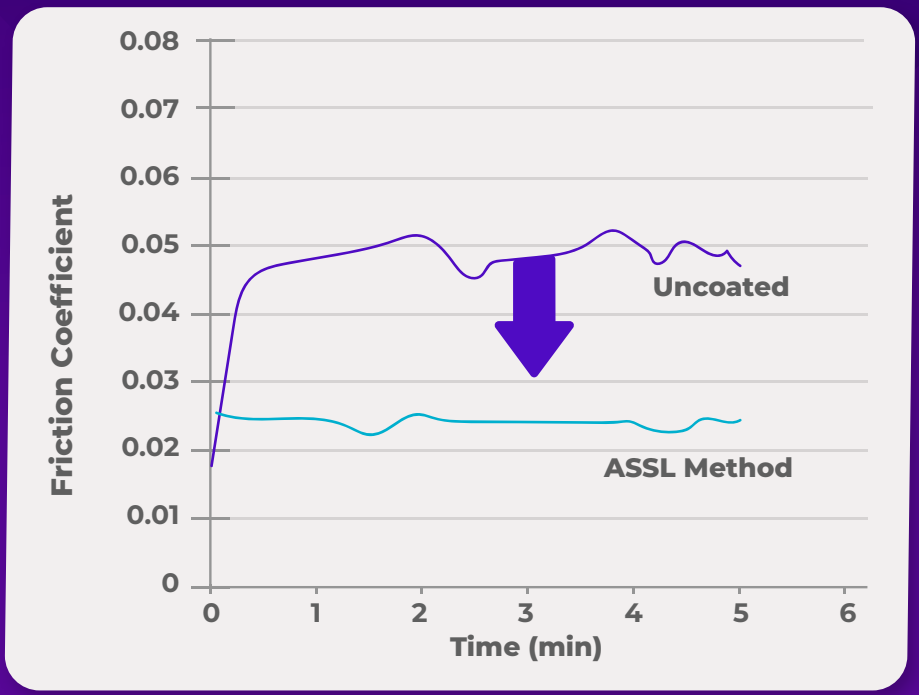


IPN: Interpenetrating Polymer Network

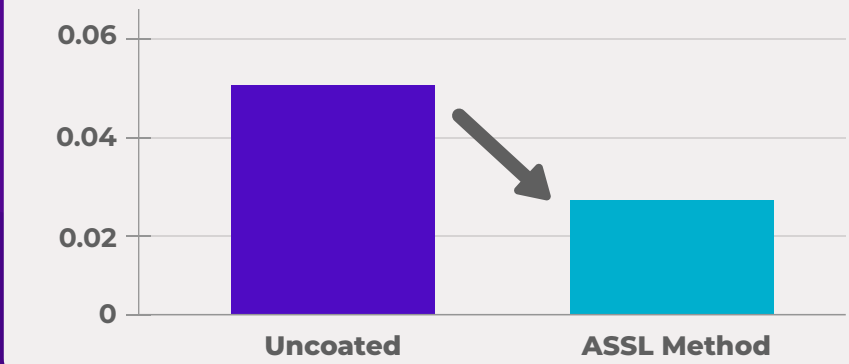
ASSL is the **Claria H** method that has a HEMA coating on the contact lens with a hydrophilic polymer through the Interpenetrating Network (IPN).

- Interpenetrating Network is when more than two high molecular substances with different functions are connected in stable manner.
- Provides comfortable and stable fit.
- The materials used in the ASSL Method is compatible for humans.
- Moreover, this method reduces friction coefficient and contact angle.
- ASSL Method provides smoother surface with less protein adsorption.

The low coefficient of friction of **ASSL Method** gives **Claria H** lenses a very smooth surface allowing the eyelids to glide easily over them. This provides a unique sensation where wearers even forget they are wearing contact lenses and helps keep their eyes comfortable and free from feeling tired all day long.



Lubricity



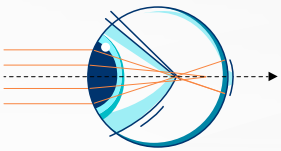
High Definition Vision Design

HD

Control the spherical aberration and allow an exact and correct diopter

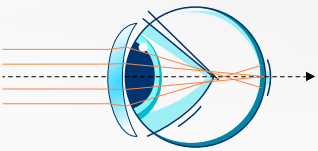
The curvature of the cornea causes spherical aberration in the eye and blurs the peripheral vision. However, wearing **Claria H** aspherical (HD) lenses Improves blurring and increases the range of clear vision. This will give you a clearer vision.

Without lenses



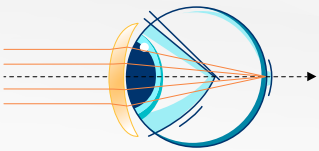
The optical path of the eye and quality of the field of view

With conventional lens



The optical path of the eye and quality of the field of view

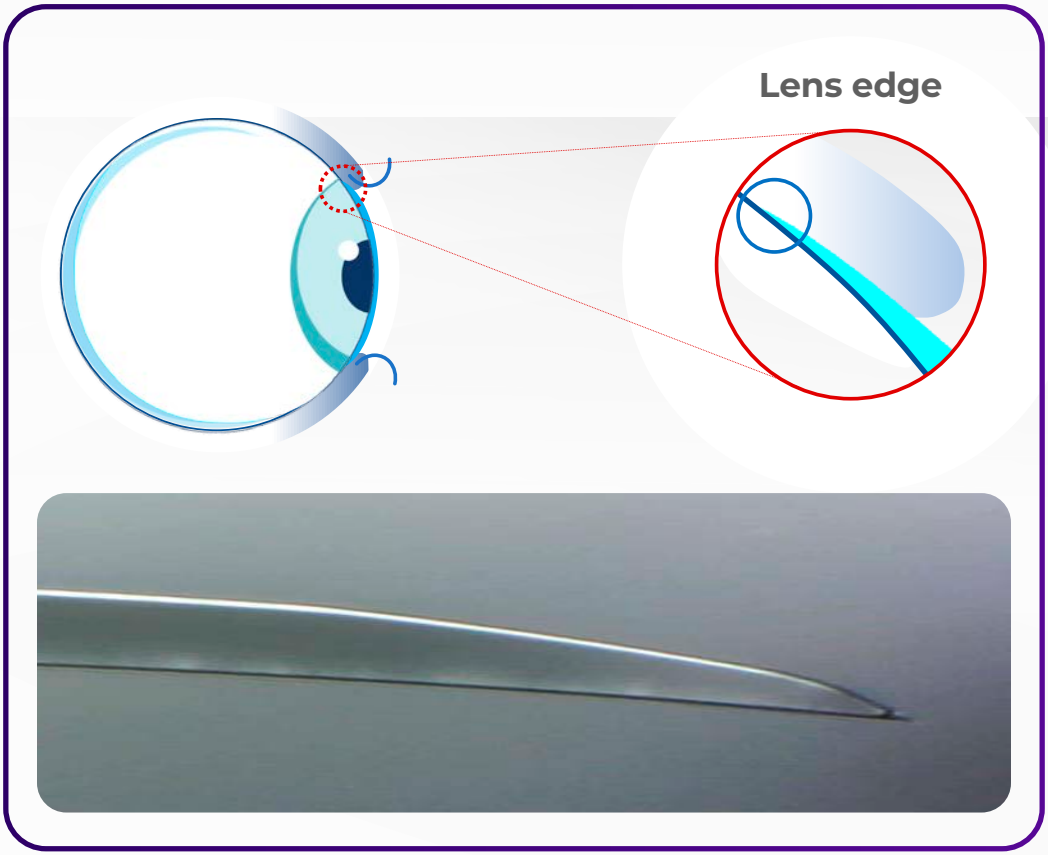
With HD lens Claria H



The optical path of the eye and quality of the field of view

Knife Edge Design

Claria H optimized thin edge design allows your eyelids to slide smoothly over the lens when you blink. This is achieved by making the corner angle between the outer and inner surfaces of the edge of the lens as small as possible. In other words, the thickness of the lens edge is minimized.



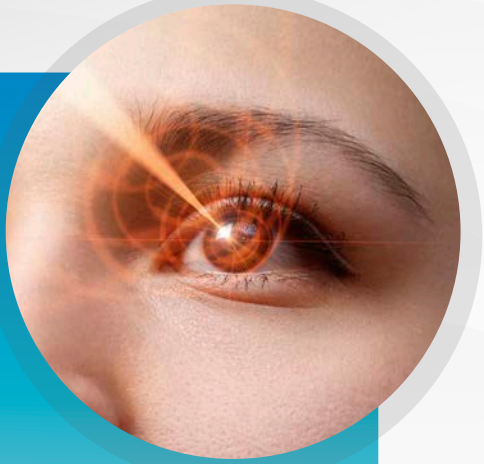
DURABLE HYDRATION

Claria H lenses are made of a modern material called ***Hioxifilcon D***, which is characterized by a high degree of hydration and the ability to accumulate water, so they are durably moisturized reducing dryness in the eyes.

PERFECT FIT

The ultra-thin structure of the lenses and their intense hydration are responsible for the ability to adjust instantly and precisely to the shape of the eyeball. Therefore, the lenses are undetectable for a large part of the wearing period, resulting in better handling.

PROTECTION UV RAYS



Claria H lenses have a Class II UV Filter that blocks harmful solar radiation thanks to the fact that this modern filter blocks at least 15% of UVA rays and 60% of UVB rays.

DYE OF HANDLING

Each of the lenses has one side tinted in a light blue color. This helps, especially novice users, to apply them correctly and makes insertion and removal of the lenses easier.

Parameters Claria H Spherical

Material	Hioxifilcon D
Water Content	55%
Base Curve	8.60 mm
Diameter	14.20 mm
Power Range	+12.00 to +6.50D (0.50D step) +6.00 to -6.00D (0.25D step) -6.50 to -20.00D (0.50D step)
Visibility Tint	Blue
Center Thickness	0.102 mm @ -3.00D
UV Class	UV Class II block at least 15% UVA (316 nm to 380 nm) block at least 60% UVB (280 nm to 315 nm) Visible Light Transmittance: 95%
Pack	6 Lenses
Features	HD Design ASSL Surface Method

Parameters Claria H Toric

Material	Hioxifilcon D
Water Content	55%
Base Curve	8.60 mm
Diameter	14.20 mm
Power Range	+6.00 to +4.50D (0.25D step) +4.00 to -6.00D (0.25D step) -6.50 to -12.00D (0.50D step)
Visibility Tint	Blue
Cylinder Power	-0.75, -1.25, -1.75, -2.25
Axis	10° to 180° (Every 10 degree)
Axis Marks	Single arrow indication at 6 o'clock
Center Thickness	0.108 mm @ -3.00D
UV Class	UV Class II block at least 15% UVA (316 nm to 380 nm) block at least 60% UVB (280 nm to 315 nm) Visible Light Transmittance: 95%
Pack	6 Lenses
Features	Prism Ballast Design ASSL Surface Method

Claria H

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