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2014

PRODUCT MANUAL

INTEROJO Quality High Definition Lens technology effectively controls spherical aberration for crisper, sharper and clear vision

INTEROJO

Sodium Hyaluronate Lens



Morning Q Ultra Soo Monthly Lens



Morning Q Ultra Soo 1-Day Lens

Base Curve	8.6 mm	8.6 mm
Diameter	14.2 mm	14.2 mm
Power	+10.00~+6.50(0.50 step) +6.00~-6.00(0.25 step) -6.50~-15.00(0.50 step)	+6.00~ -6.00(0.25 step) - 6.50~ -10.00(0.50 step)
Water Content	55%	58%
Material	Biofilcon B	Biofilcon A
UV A %	Transmission rate: less than 85%	Transmission rate: less than 85%
UV B %	Transmission rate: less than 40%	Transmission rate: less than 40%
UV Blocker	2-(4-Benzoyl-3-Hydroxyphenoxy) ethyl acrylate	2-(4-Benzoyl-3-Hydroxyphenoxy) ethyl acrylate
DK	26	27
Features	Aspheric Design High Definition Vision Aberration Control UV Control	
Handling Tint	Blue	Blue

Ultra Soo Lens Sodium Hyaluronate Lens

INTEROJO's innovative engineering team has recently developed a new Sodium Hyaluronate Lens

Sodium Hyaluronate is one of the most moisture absorbent molecules. When used in a contact lens, its water-retentive properties result in enhanced moisture retention of the eye's corneal surface.

Ultra Soo is an unconventional Sodium Hyaluronate Lens that acts as a supplement to tears, lubricating, moisturizing and re-hydrating contact lenses, making them comfortable for the user.

During the formulating progress before moulding, we add Sodium Hyaluronate with other raw materials including HEMA. This process developed by Interojo is the first original technology in the world.

Interojo's new Sodium Hyaluronate Lens will provide excellent comfort with optimum wetting and all day hydration.

Silicone Hydrogel Lens



O2O2



O2O2 Toric

Base Curve	8.6 mm	8.6 mm
Diameter	14.2 mm	14.2 mm
Power	+8.00~+6.50(0.50 step) +6.00~-6.00(0.25 step) -6.50~-12.00(0.50 step)	S.P : +6.00~-6.00(0.25 step) -6.00~-12.00(0.50 step) C.P : -0.75, -1.25, -1.75, -2.25 Axis : 10~180(Every 10 degrees)
Water Content	45%	45%
Material	Innofilcon A	Innofilcon A
DK	70	70
DK/L	100	100
Modulus	0.8	0.8

“New Generation of ‘Super-Permeable’ contact lenses – O2O2 – Silicone Hydrogel Lens ”

“O2O2”

This new material surpasses other soft contact lenses in the areas of comfort, clarity and eye health. The cornea (the clear “window” on the front of the eye) requires oxygen to be healthy. Standard soft contact lenses use water to transport oxygen to the cornea but O2O2 contains silicone. Silicone is highly gas permeable so it allows the free flow of ample amounts of oxygen directly through the lens. This direct flow through the lens ensures that the cornea gets a continuous supply of oxygen which promotes a healthier eye.

When the cornea gets sufficient oxygen, the corneal epithelium stays strong, ensuring clear and acute vision. Without enough oxygen the epithelium can break down and microbial keratitis may become an issue. The low water content of O2O2 is also effective at keeping debris, including bacteria, from adhering to the lens surface. Wearing a clean lens greatly reduces the likelihood of a microbial infection.

All people may benefit from lenses made with silicone, especially those who prefer extended or continuous wear contact lenses.

- High Oxygen performance helps to keep eyes white and healthy
- Soft and moist lens material for excellent all day comfort
- Round lens edge for great comfort



Frequent Replacement Lens



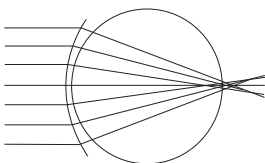
Methafilcon A Monthly Lens



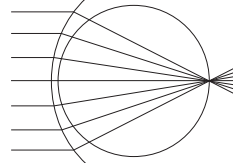
Hioxifilcon A Monthly Lens

Base Curve	8.6 mm	8.6 / 8.8 mm
Diameter	14.2 mm	14.2 mm
Power	+6.50~+12.00(0.50 step) +6.00~-6.00(0.25 step) - 6.50~-20.00(0.50 step)	+6.50~+12.00(0.50 step) +6.00~-6.00(0.25 step) - 6.50~-20.00(0.50 step)
Water Content	55%	55%
Material	Methafilcon A	GMMA(Hioxifilcon A)
UV A %	Transmission rate: less than 85%	Transmission rate: less than 85%
UV B %	Transmission rate: less than 40%	Transmission rate: less than 40%
UV Blocker	2-(4-Benzoyl-3-hydroxyphenoxy) ethyl acrylate	2-(4-Benzoyl-3-hydroxyphenoxy) ethyl acrylate
DK	22	25
Features	Aspheric Design High Definition Vision Aberration Control UV Control	
Handling Tint	Blue	Blue

• Vision with Conventional Soft Lens



• Vision with High Definition Lens



Conventional Lens



PolyVue High Definition



Morning Q UV55

Base Curve	8.6 mm	8.6 mm
Diameter	14.0 mm	14.2 mm
Power	- 0.00~-6.00(0.25 step) - 6.50~-12.00(0.50 step) +0.00~+6.00(0.25 step) +6.50~+20.00(0.50 step)	+6.50~+12.00(0.50 step) +6.00~-6.00(0.25 step) - 6.50~-20.00(0.50 step)
Water Content	38%	55%
Material	HEMA(Polymacon)	GMMA(Hioxifilcon A) Methafilcon A
UV A%	N/A	Transmission rate : less than 85%
UV B%	N/A	Transmission rate : less than 40%
UV Blocker	N/A	2-(4-Benzoyl-3-hydroxyphenoxy) ethyl acrylate
Features	Aspheric Design High Definition Vision Aberration Control Correcting astigmatism upto 1 diopter	Aspheric Design High Definition Vision Aberration Control UV Control
Handling Tint	Blue	Blue

High Definition Lens

Not an ordinary aspheric lens

The Interojo's High Definition Lens, unlike other aspheric lens in the market, incorporates the ideal aspheric curvature for each soft lens power and thickness and compensates for aberration caused by lens flexure on the eye. This results in improved visual acuity at all distance, as well as increased depth of field, reduced refractive astigmatism and improved contrast sensitivity, providing crisper, sharper and clearer vision.

The Interojo's High Definition Lens is an excellent choice for low astigmats, early presbyopes and those who wish to improve their overall vision.

1-Day Lens



Clear 1-Day



Color 1-Day

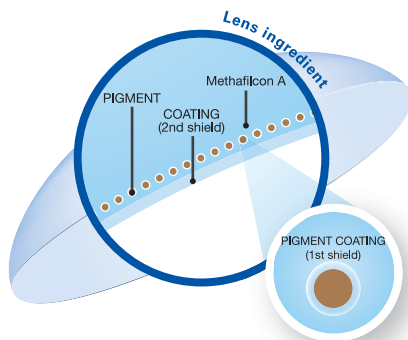
Color	Blue(handling tint)	Black / Brown(1 tone)	Brown(2 tone)
Base curve	8.6mm		
Diameter	14.2mm		
Power	0.00 - 6.00(0.25 step) -6.50 ~ - 10.00(0.50 step)		
UV A %	Transmission rate: less than 85%		
UV B %	Transmission rate: less than 40%		
Water content	58%	55%	
Material	Hioxifilcon A	Methafilcon A	
Features	Aspheric design High Definition vision Aberration control UV control		

D.S.S.L Technology (Dual Safety Shield Layers) : Interjo's Color 1-Day Printing Technology

How pigment does not touch the eye

- 1.Ultra Clear HEMA coats printed part and builds an extra layer
- 2.Coated pigments initially form a shield

• Ultra Clear HEMA : HEMA produced by PBH (Pre-Bonding-HEMA method)



※ Pigment printing diagram



※ Cross sectional image of Color 1-Day Lens

Toric Lens



PolyVue High Definition Toric



High Definition Toric

Base Curve	8.6 mm	8.6 mm
Diameter	14.0 mm	14.2 mm
Power	S.P : 0.00 ~ -6.00(0.25step) -6.50 ~ -10.00(0.50step) C.P : -0.75, -1.25, -1.75, -2.25, -2.75 Axis: 10, 20, 30, 80, 90, 100, 150, 160, 170, 180	S.P : +6.00 ~ +4.00(0.5step) +4.00 ~ -6.00(0.25step) -6.50 ~ -12.00(0.50step) C.P: -0.75, -1.25, -1.75, -2.25 Axis: 10~180(Every 10 degrees)
Water Content	38%	55%
Material	HEMA(Polymacon)	GMMA(Hioxifilcon A)
Features	Prism Ballasted Design / High Definition Vision / Back surface Toric design	
Handing Tint	Blue	Blue

Multifocal Vision Lens



PolyVue HDX Progressive



PolyVue HDX Toric Progressive

Base Curve	38% : 8.6 mm(vial) 43%, 55% : 8.7 mm(blister)	38% : 8.6 mm(vial) 43% : 8.7 mm(blister)
Diameter	38% : 14.0 mm(vial) 43%, 55% : 14.2 mm(blister)	38% : 14.0 mm(vial) 43% : 14.2 mm(blister)
Power	+6.00 ~ -10.00(0.25step) Effective add +1.25 ~ +2.50	+4.00 ~ -6.00(0.25step) C.P: -0.75, Axis: 90,180
Water Content	38%(vial) 43% / 55%(blister)	38%(vial) 43%(blister)
Material	38% HEMA(Polymacon) 43% Poly-HEMA 55% Methafilcon A	38% HEMA(Polymacon) 43% Poly-HEMA
Features	Aspheric Design / High Definition Vision / Simplified fitting	
Handing Tint	Blue	Blue

RGP Lens



Morning-Q RS



Morning-Q RK



Morning-Q KC

Base Curve	6.90 ~ 8.50 mm	7.00 ~ 8.40 mm	7.00 ~ 8.60 mm
Diameter	9.3 / 9.8 mm	9.6 mm	9.2 / 9.6 mm
Power	+20.00 ~ -20.00	+20.00 ~ -20.00	+25.00 ~ -25.00
Material	Boston XO	Boston EO	Optimum
Features	Aspheric design High Oxygen Permeability		
Handling Tint	Light Blue	Blue	Blue

Therapy & Bandage Lens



Therapy lens
(For eye infection)



Bandage lens
(For eye surgery)

Base Curve	Bi-Curve lens(Center part B.C.9.0 & peripheral part B.C.8.6)
Diameter	14.2 mm
Water Content	55%
Material	Polymer based on GMMA(Hioxifilcon A)
Features	Aspheric Design, very special lens after cataractor lasek operation for curing purpose
Handing Tint	Blue

Color Lens



Base Curve	8.6 mm	8.6 mm	8.6 mm
Diameter	14.0 mm	14.2 mm	14.2 mm
Powers	0.00~-6.00(0.25 step) -6.50~-10.00(0.50 step)	0.00~-6.00(0.25 step) -6.50~-10.00(0.50 step)	0.00~-6.00(0.25 step) -6.50~-10.00(0.50 step)
Water Contents	38%	43%	55%
Material	HEMA (Polymacon)	Poly HEMA	Methafilcon A
Features	High Definition Vision Aspheric design Aberration control UV control		

Color lens

Colored contact lenses allow you to correct your vision, and change your eye color at the same time. Colored contacts can be opaque for darker eyes, or enhancers for lighter eyes. Color contact lenses that make your eyes more natural looking.

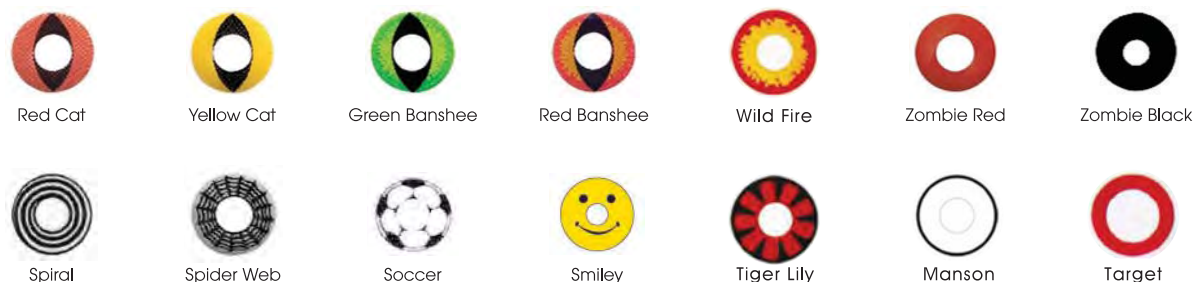
3tone



2tone



Crazy lens



Company History

INTEROJO

- **2012. Dec** 20 million dollars Export Award
- **2012. Mar** Established Second Factory
- **2010. Nov** 10 million dollars Export Award
- **2010. Jul** Listed on KOSDAQ(Korean Securities Dealers Automated Quotations)
- **2009. Dec** PCT (Patent Cooperation Treaty) and EPC (European Patent Convention)
Patent pending technology - Hydrogel contact lenses having improved wettability
- **2008. Dec** United States 510(K) cleared – 55% Methafilcon A
- Single vision, Toric, Multifocal soft contact lens
- **2007. Apr** Acquired Patent of Contact Lens for cure
- **2006. Oct** Movement to a New Factory
- **2005. May** Approved for conformity of the quality control for medical device (GMP)
(by Korea Food & Drug Administration)
- **2004. Aug** Selected as the model of a small & medium business enterprise with technical innovation
(Inno-Biz) (by Small and Medium Business Administration)
- **2003. Apr** Acquired KGMP (Korean Pharmaceutical Manufacturers Association)
Certification (by Korea Food & Drug Administration)
- **2001. Dec** United States 510(K) cleared
- Polymacon Material
- Single vision, Color, Toric, Multifocal, Toric Multifocal Soft Contact Lens
- **2001. Oct** Acquired CE0120, ISO-9001, EN46002 Certification
- **2000. Dec** Registered manufactory facilities

Certificate

CE / ISO / Patent



| CE 0120 |



| ISO 9001 |



| ISO 13485 |



| CMDCAS |



| CFDA |



| GMP |



| Patent 2006.10.18 |



| Patent 2007.4.10 |



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