



PROFESSIONAL MYOPIA MANAGEMENT

Toplite

PRODUCT CATALOG 2026

Clearer today,
brighter tomorrow.

Custom Specialty Soft Contact Lenses · Taiwan

Hsing Huang Co., Ltd.
MANUFACTURER · TAIWAN

CO-DISTRIBUTED BY
LENSHUB Pte Ltd
IN THE ASEAN COUNTRIES

Precision. Comfort. Confidence. Made for Every Eye.

Hsing-Huang Co., Ltd. Founded in 1985, we have been dedicated to premium soft contact lenses designed specifically for Asian eyes.

For nearly four decades, we combine advanced technology with uncompromising quality to deliver lenses that provide unmatched comfort, safety, and clarity—empowering modern lifestyles.



Precision Craftsmanship

Manufactured using REM and UK lathe technology, our lenses feature an enlarged optical zone that provides a wider field of vision and stable, clear sight with zero corneal pressure.



Expert Support

Our dedicated team of licensed optometrists offers online consultations, delivering professional assistance with lens fitting and product inquiries backed by extensive clinical experience.



Superior Comfort

Innovative edge-curve design promotes smooth tear exchange with every blink, maintaining steady tear circulation and keeping eyes fresh during prolonged wear.



Uncompromised Safety

We source high-quality materials from UK Contamac Ltd., with each batch undergoing rigorous non-toxicity testing. Our lenses are sterilized through a 100% high-temperature, high-pressure process to ensure the highest safety standards.



Unrivaled Quality Assurance

Certified by Taiwan's GMP/QMS for medical device manufacturers, our lenses are produced in ISO 8 cleanroom environments and supported by dedicated microbiological and chemical laboratories. Clinical validation by leading hospitals guarantees exceptional performance.



✓ Engineered for Asian Eyes



👤 Backed by Science. Driven by Care.



Taiwan GMP/QMS
Certified



ISO 8 Cleanroom
Environment



In-house Microbiological &
Chemical Laboratories



Clinically Validated
Performance



40+ Years of
Expertise

Product Portfolio

A comprehensive range of premium soft contact lenses to meet every vision need.



● Classic Series (Blue Tint / Stock)

Myopia Lenses	LB-38
Front Toric Lenses	TCB-38



● Customized Series

Aspheric Myopia & Hyperopia Lenses	SC-38
Front Toric Lens (Double Trimmed)	FTC-38
Back Toric Lens (Double Trimmed)	BTC-38
Back Toric Lens with Prism	BTP-38



● 3-Month Disposable Multifocal Series

Comfort Bifocal Lenses	M2-38
Comfort Bifocal Toric Lenses	M2-38T
Presbyopia EDOF Lenses	EDOF-38
Presbyopia EDOF Toric Lenses	EDOF-38T



● Specialty Lens Series

High Myopia and Hyperopia Lenses	SC-38
Color Vision Enhancement Lenses	SC-38R,B,G
Prosthetic Eye	P-38



● Myopia Management Series

Peripheral Defocus Lenses	DF-38
Peripheral Defocus Toric Lenses	DF-38T



Warranty



One-Time Power Adjustment
Free power adjustment available within the first month of lens purchase to ensure optimal vision comfort.



4-Month Warranty
Conventional lenses come with a 4-month warranty covering manufacturing defects.



Return & Exchange
Customers can return or exchange lenses within the warranty period for any eligible issues.



Material
UK POLYMACON



Oxygen Permeability
Dk/t: 10 (standard)
/ 8 (colored)



Water Content
38%



Color Options
Blue, Green



Modulus
of Elasticity
0.79

LENS TYPE	PARAMETER	SPECIFICATION	DESIGN
Myopia Lenses - Stock LB-38 Blue 	Recommended BC (mm)	$7.50 \leq M \leq 7.70$	
	Base Curve (mm)	S8.00 M8.30 L8.60	
	Diameter (mm)	13.80	
	Prescription (D)	-1.00 ~ -8.00 (step 0.25) -8.50 ~ -10.00 (step 0.50)	
Front Toric with double trimmed Lenses - Stock TCB-38 Blue 	Recommended BC (mm)	$7.70 \leq M \leq 7.90$	
	Base Curve (mm)	S8.20 M8.50 L8.80	
	Diameter (mm)	14.20	
	Prescription (D)	-1.00 ~ -8.00 (step 0.25) -8.50 ~ -10.00 (step 0.50)	
	Astigmatism (D)	-0.75 ~ -2.00 (step 0.25)	
	Axis	$10^{\circ} \sim 170^{\circ} \cdot 180^{\circ}$	
Customized Myopia & Hyperopia Lenses SC-38 Blue · Green 	Recommended BC (mm)	Average K + 0.8	
	Base Curve (mm)	7.10 ~ 9.80 (step 0.1)	
	Standard Dia. (mm)	13.80	
	Diameter (mm)	13.00 ~ 16.00 (HVID + 2.50)	
	Myopia (D)	-0.00 ~ ±8.00 (step 0.25) ±8.50 ~ ±20.00 (step 0.50)	
Front Toric with double trimmed Lenses FTC-38 Blue · Green 	Recommended BC (mm)	Average K + 0.8	
	Base Curve (mm)	7.10 ~ 9.80 (step 0.1)	
	Standard Dia. (mm)	14.20	
	Diameter (mm)	13.00 ~ 16.00 (HVID + 2.50)	
	Hyperopia and Myopia (D)	-0.00 ~ ±8.00 (step 0.25) ±8.50 ~ ±20.00 (step 0.50)	
	Astigmatism (D)	-0.25 ~ -8.00 (step 0.25)	
	Axis	$1^{\circ} \sim 180^{\circ}$ (step 1°)	
Back Toric with double trimmed Lenses BTC-38 Blue · Green 	Recommended BC (mm)	Average K + 0.8	
	Base Curve (mm)	7.10 ~ 9.80 (step 0.1)	
	Standard Dia. (mm)	14.50	
	Diameter (mm)	13.00 ~ 16.00 (HVID + 2.50)	
	Hyperopia and Myopia (D)	-0.00 ~ ±8.00 (step 0.25) ±8.50 ~ ±20.00 (step 0.50)	
	Astigmatism (D)	-0.25 ~ -8.00 (step 0.25)	
	Axis	$1^{\circ} \sim 180^{\circ}$ (step 1°)	
Back Toric with Prism BTP-38 Blue · Green 	Recommended BC (mm)	Average K + 0.8	
	Base Curve (mm)	7.10 ~ 9.80 (step 0.1)	
	Standard Dia. (mm)	14.50	
	Diameter (mm)	13.00 ~ 16.00 (HVID + 2.50)	
	Hyperopia and Myopia (D)	-0.00 ~ ±8.00 (step 0.25) ±8.50 ~ ±20.00 (step 0.50)	
	Astigmatism (D)	-0.25 ~ -8.00 (step 0.25)	
	Axis	$1^{\circ} \sim 180^{\circ}$ (step 1°)	



Warranty



One-Time Power Adjustment
Free power adjustment available within the first month of lens purchase to ensure optimal vision comfort.



4-Month Warranty
Conventional lenses come with a 4-month warranty covering manufacturing defects.



Return & Exchange
Customers can return or exchange lenses within the warranty period for any eligible issues.





Material
UK POLYMACON



Oxygen Permeability
Dk/t: 10 (standard)
/ 8 (colored)



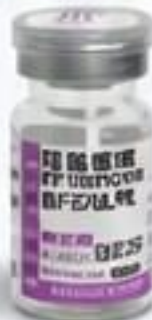
Water Content
38%



Color Options
Blue, Green



Modulus
of Elasticity
0.79

LENS TYPE	PARAMETER	SPECIFICATION		DESIGN
3-Monthly Disposable Comfort Bifocal Lenses M2-38 Blue · Green 	 Recommended BC (mm)	Average K + 0.8		
	 Base Curve (mm)	7.10 ~ 9.80 (step 0.1)		
	 Standard Dia. (mm)	14.00		
	 Diameter (mm)	13.00 ~ 16.00	(HVID + 2.50)	
	 Prescription (D)	+20.00 ~ -20.00	(step 0.25)	
	 ADD	+0.50 ~ +0.75		
3-Monthly Disposable Comfort Toric Lenses M2-38T Blue · Green 	 Recommended BC (mm)	Average K + 0.8		
	 Base Curve (mm)	7.10 ~ 9.80	(step 0.1)	
	 Standard Dia. (mm)	14.50		
	 Diameter (mm)	13.00 ~ 16.00	(HVID + 2.50)	
	 Prescription (D)	+20.00 ~ -20.00	(step 0.25)	
	 Astigmatism (D)	-0.25 ~ -8.00	(step 0.25)	
	 Axis	1° ~ 180°	(step 1°)	
	 ADD	+0.50 ~ +0.75		
3-Monthly Disposable Presbyopia EDOF Lenses EDOF-38(SE) Blue · Green 	 Recommended BC (mm)	Average K + 0.8		
	 Base Curve (mm)	7.10 ~ 9.80	(step 0.1)	
	 Standard Dia. (mm)	14.00		
	 Diameter (mm)	13.00 ~ 16.00	(HVID + 2.50)	
	 Prescription (D)	+20.00 ~ -20.00	(step 0.25)	
	 Astigmatism (D)	-0.25 ~ -8.00	(EDOF-38SE)	
	 ADD	+1.00 ~ +5.00		
3-Monthly Disposable Presbyopia EDOF Toric Lenses EDOF-38T Blue · Green 	 Recommended BC (mm)	Average K + 0.8		
	 Base Curve (mm)	7.10 ~ 9.80	(step 0.1)	
	 Standard Dia. (mm)	14.50		
	 Diameter (mm)	13.00 ~ 16.00	(HVID + 2.50)	
	 Prescription (D)	+20.00 ~ -20.00	(step 0.25)	
	 Astigmatism (D)	-1.25 ~ -8.00	(step 0.25)	
	 Axis	1° ~ 180°	(step 1°)	
	 ADD	+1.00 ~ +5.00		
Specialty Filter Lenses SC-38R Red (Red-Weak Color Vision) 	 Recommended BC (mm)	Average K + 0.8		
	 Base Curve (mm)	7.10 ~ 9.80	(step 0.1)	
	 Standard Dia. (mm)	13.80		
	 Diameter (mm)	13.00 ~ 16.00	(HVID + 2.50)	
Prosthetic Eye P-38 	 Recommended BC (mm)	Average K + 0.8		
	 Base Curve (mm)	S8.00 M8.30 L8.60		
	 Standard Dia. (mm)	13.80		
	 Diameter (mm)	13.00 ~ 16.00	(HVID + 2.50)	



One-Time Power Adjustment
Free power adjustment available within the first month of lens purchase to ensure optimal vision comfort.



4-Month Warranty
Conventional lenses come with a 4-month warranty covering manufacturing defects.



Return & Exchange
Customers can return or exchange lenses within the warranty period for any eligible issues.

CLASSIC SERIES
Sphere & Toric Lens Solutions

LB-38 & TCB-38
Proven Comfort. Reliable Vision.

Toplite Classic Series offers high-quality spherical and toric lenses engineered for stable vision, lasting comfort, and reliable performance throughout the year.



UK Polymacon
Material

Premium imported material with 38% water content provides excellent hydration and long-lasting comfort.



Multi-Curve
Edge Design

Engineered curves enhance tear exchange and support healthy oxygen transmission to the cornea.



Enlarged
Optical Zone

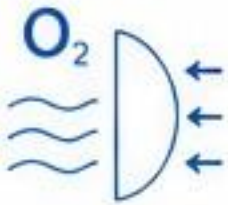
A larger optical zone delivers stable vision and improved clarity for daily activities.



Easy
Handling

Smooth lens surface and optimized design allow for easy insertion and removal for everyday convenience.

Benefits You Can Trust



Oxygen Flow

High oxygen permeability for healthier, brighter eyes.



Long-Term
Durability

Designed for consistent performance all year round.



All-Day
Comfort

Soft, smooth, and made for extended wear comfort.



Eye Health
Support

Helps maintain eye comfort and supports eye wellness.



Sharp
Vision

Wide optical zone for clear, stable sight.



Quality
Assured

FDA registered facility for trusted eye care.



Material
UK POLYMACON



Water Content
38%

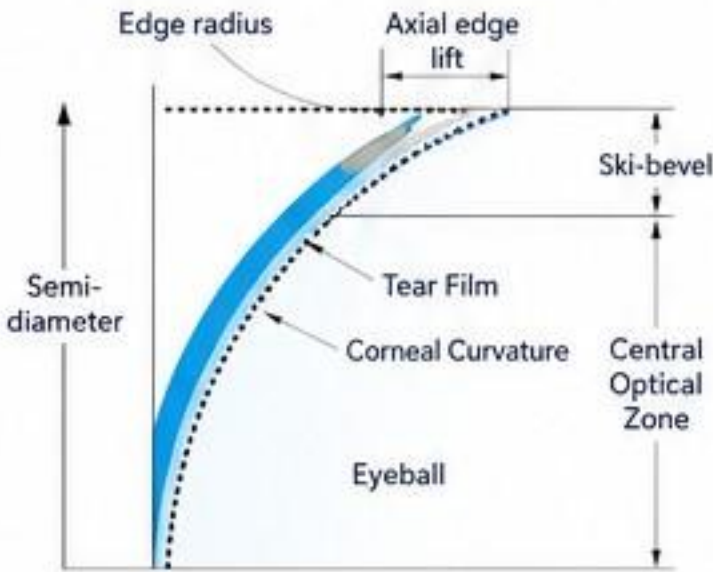


Oxygen Permeability (Dk/T)
10 (standard) / 8 (colored)



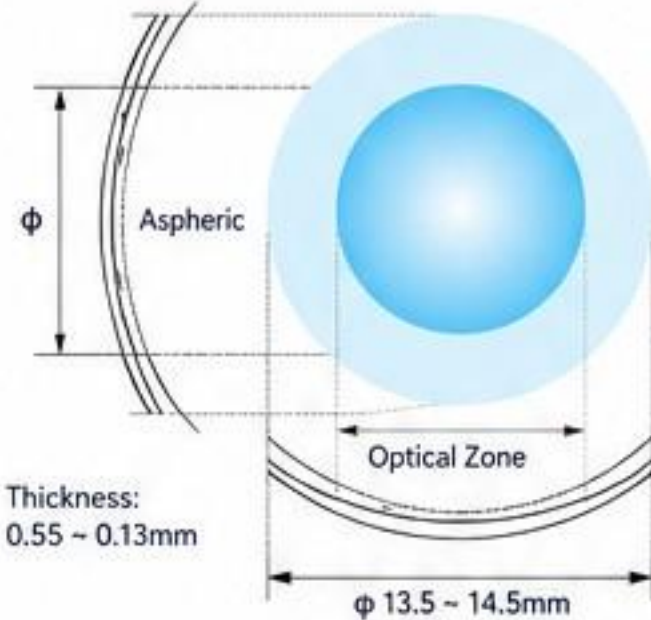
Lens Type
Yearly Soft Contact Lens

Advanced Edge Curve Design



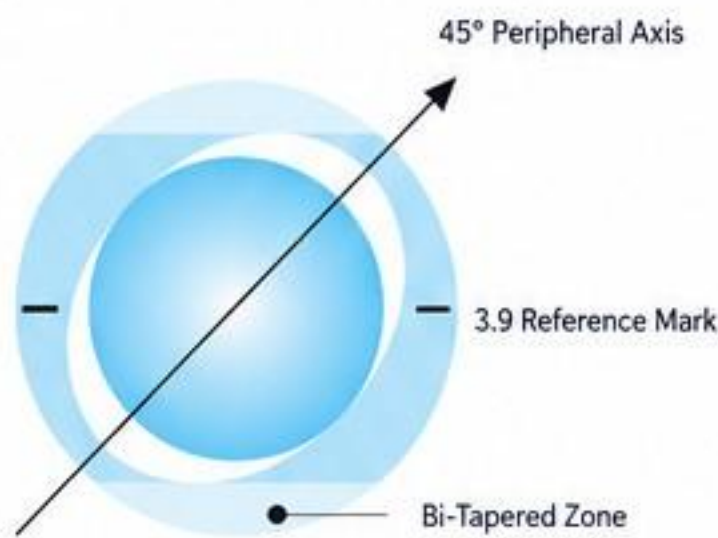
Precision edge geometry ensures smooth interaction with the ocular surface for enhanced comfort and excellent tear exchange.

LB-38 Spherical Lens



Aspheric front design and enlarged optical zone provide stable vision, reduced aberration, and clear sight in all lighting conditions.

TCB-38 Toric Lens



Back toric design with double-trimmed edge stabilizes lens orientation for consistent vision and wearing comfort.

LB-38

Spherical Lens





✓ Yearly replacement soft contact lens

✓ Stable vision with excellent comfort

✓ Ideal for daily wear



Spherical Design

TCB-38

Front Toric Lens (Double Trimmed)





✓ Double trimmed toric design

✓ Stable orientation and clear vision

✓ Suitable for astigmatic correction



Toric Stabilization

STOCK SPECIFICATIONS

LB-38 Spherical Lens				TCB-38 Front Toric Lens (Double Trimmed)			
	Base Curve (mm)	8.00	8.30 8.60		Base Curve (mm)	8.20	8.50 8.80
	Diameter (mm)	13.80			Diameter (mm)	14.20	
	Power Range (D)	-1.00 to -8.00 (step 0.25) -8.50 to -10.00 (step 0.50)			Sphere Power (D)	-1.00 to -8.00 (step 0.25) -8.50 to -10.00 (step 0.50)	
	Material	UK Polymacon			Cylinder (D)	-0.75 to -2.00 (step 0.25)	
	Water Content	38%			Axis (°)	10° ~ 180° (step 1°)	
	Replacement Cycle	Yearly			Replacement Cycle	Yearly	

FITTING RECOMMENDATIONS

Spherical Lens Fitting Guide (LB-38)			Toric Lens Fitting Guide (TCB-38) (For Corneal Astigmatism ≤ -2.00D)		
Corneal Curvature (Average K)	Lens Curvature	Diameter (mm)	Corneal Curvature (Average K)	Lens Curvature	Diameter (mm)
7.20	S 8.00	13.80	7.40	S 8.20	14.20
7.30	S 8.00	13.80	7.50	S 8.20	14.20
7.40	S 8.00	13.80	7.60	S 8.20	14.20
7.50	M 8.30	13.80	7.70	M 8.50	14.20
7.60	M 8.30	13.80	7.80	M 8.50	14.20
7.70	M 8.30	13.80	7.90	M 8.50	14.20
7.80	L 8.60	13.80	8.00	L 8.80	14.20
7.90	L 8.60	13.80	8.10	L 8.80	14.20
8.00	L 8.60	13.80	8.20	L 8.80	14.20

CLINICAL FITTING NOTES

1

If lens misalignment occurs at 3 and 9 o'clock positions, adjust the axis as follows:

 Add degrees if adjusting clockwise

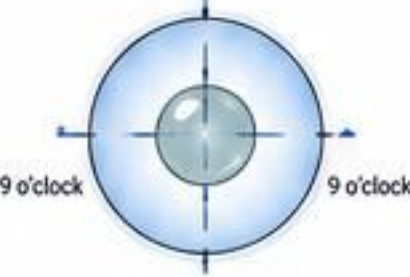
 Deduct degrees if adjusting counterclockwise

2

After adjustment, marks may still appear misaligned but will no longer be positioned exactly at 3 and 9 o'clock — this is normal.

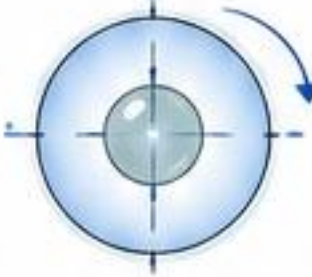
TORIC ORIENTATION GUIDE

Ideal Alignment



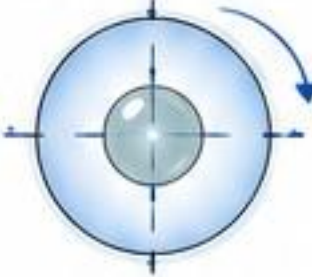
Axis marks aligned at 3 and 9 o'clock

Clockwise Rotation



Add degrees (rotate axis clockwise)

Counterclockwise Rotation



Subtract degrees (rotate axis counterclockwise)

07

PRODUCT CATALOG 2026

Hsing-Huang Co., Ltd.
MANUFACTURER · TAIWAN

CO-DISTRIBUTED BY
LENSHUB Pte Ltd
for the ASEAN countries

Toplite Classic Series delivers clear, stable, and comfortable vision with advanced design and precise fitting.

LB-38
Spherical Lens

Yearly Soft Lens

Spherical

Clear & Stable Vision

High Comfort

Reliable All-Year Use

TCB-38
Front Toric Lens
(Double Trimmed)

Yearly Soft Lens

Front Toric

Stable Orientation

Double Trimmed Edge

Sharp & Consistent Vision

LB-38 • Spherical Lens	
Base Curve (mm)	8.00 / 8.30 / 8.60
Diameter (mm)	13.80
Power Range (D)	-1.00 ~ -8.00 (step 0.25) -8.50 ~ -10.00 (step 0.50)
Water Content	38%
Material	UK POLYMACON

TCB-38 • Front Toric Lens (Double Trimmed)	
Base Curve (mm)	8.20 / 8.50 / 8.80
Diameter (mm)	14.20
Sphere Power (D)	-1.00 ~ -8.00 (step 0.25) -8.50 ~ -10.00 (step 0.50)
Astigmatism (D)	-0.75 ~ -2.00 (step 0.25)
Axis (°)	10° ~ 180° (step 1°)
Water Content	38%
Material	UK POLYMACON

Spherical Lens Fitting Guide (LB-38)		
Corneal Curvature (Average K)	Recommended Lens Curve	Diameter (mm)
7.20 – 7.40	S 8.00	13.80
7.50 – 7.70	M 8.30	13.80
7.80 – 8.00	L 8.60	13.80

Toric Lens Fitting Guide (TCB-38)		
Corneal Curvature (Average K)	Recommended Lens Curve	Diameter (mm)
7.40 – 7.60	S 8.20	14.20
7.70 – 7.90	M 8.50	14.20
8.00 – 8.20	L 8.80	14.20

CLINICAL FITTING NOTES

1 If lens misalignment occurs at 3 o'clock or 9 o'clock, adjust the axis as follows:

Add degrees if rotating clockwise

Deduct degrees if rotating counterclockwise

After adjustment, marks may still appear slightly misaligned but will stabilize and return to the desired position at 3 and 9 o'clock — this is normal.

TORIC ORIENTATION EXAMPLE

Correct Alignment

Requires Adjustment

9 o'clock

3 o'clock

Reference Mark at 3 and 9 o'clock

Clockwise Rotation (Add degrees)

Counterclockwise Rotation (Deduct degrees)

High Oxygen Permeability
Healthy cornea every day.

38% Water Content
Long-lasting hydration.

Precise Design
Stable vision and orientation.

Yearly Use
Economical and reliable choice.

Quality Assured
Made in Taiwan with strict QC.

OUR CUSTOMIZED LENS RANGE

-  Spherical Lenses SC-38
-  Front Toric with Double Trimmed Edges FTC-38
-  Back Toric with Double Trimmed Edges BTC-38
-  Back Toric with Prism BTP-38



Customized
Conventional
Lens
SC-38

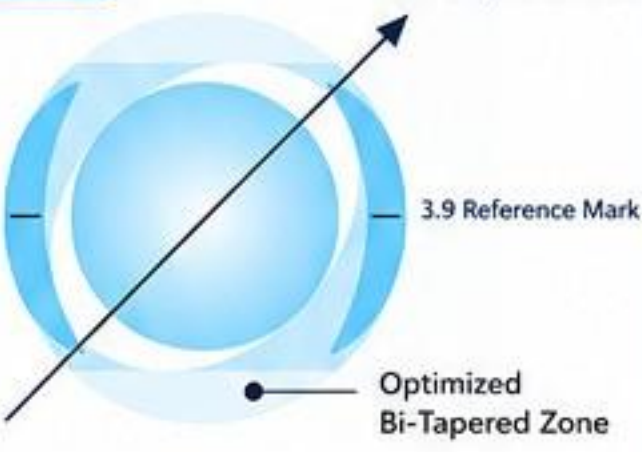
-  Made for Asian Eyes
-  Precision Manufacturing
-  Reliable Comfort
-  Clearer Vision

STOCK SPECIFICATIONS

Parameter	Range / Value	
Recommended Curve	Average K + 0.8 mm	
Curvature (BC)	7.10 ~ 9.80 mm	(step 0.1)
Standard Diameter	13.80 mm	
Available Diameter	13.00 ~ 16.00 mm	(HVID + 2.50)
Myopia (D)	-0.00 ~ +8.00	(step 0.25)
	±8.50 ~ ±20.00	(step 0.50)

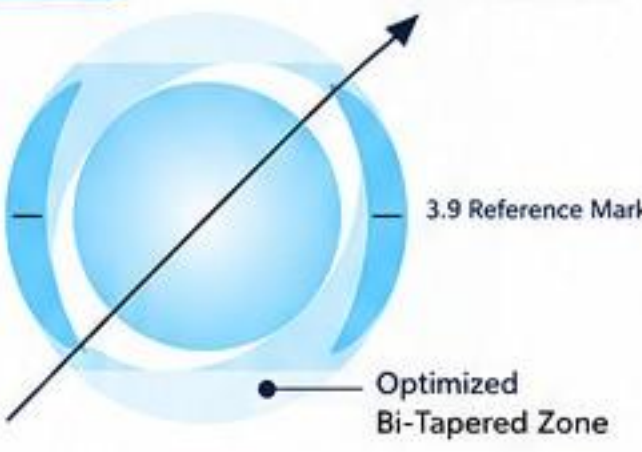
TORIC LENS DESIGNS

FTC-38



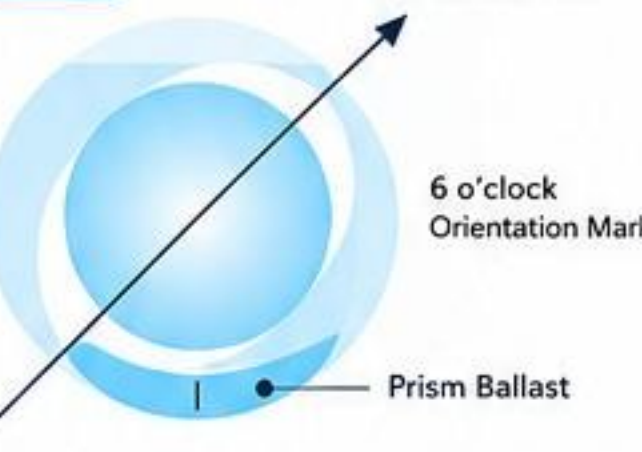
Peripheral Horizontal Design

BTC-38



Central Horizontal Design

BTP-38



Central Vertical Ballast

PRODUCT FEATURES

Fully customized conventional soft lenses designed for:

- ✓ Unusually large or small eyes
- ✓ Irregular corneal astigmatism
- ✓ Conditions not correctable by disposable lenses
- ✓ Customized prescription, base curve, and diameter options for optimal fit and precise visual correction.



CUSTOMIZED LENSES FOR SPECIAL CASES

- Corneal Injury Recovery: Hyperopia up to +17.00D
- Aphakic Children: Small-size lenses
BC 7.60mm, DIA 13.00, Sphere +10.00 ~ +14.00D
- High Hyperopia with Astigmatism: +10.00, -2.00 × 180
- Pure Astigmatism: Plano, -6.00 × 180
- Ectasia (Keratoconus) & Post-LASIK: ±5.00 ~ ±9.00D
- Advanced custom design with added thickness for average K > 9.00 mm after Laser Myopia Surgery

Front Toric with
Double Trimmed
FTC-38

Back Toric with
Double Trimmed
BTC-38

Back Toric with
Prism
BTP-38



STOCK SPECIFICATIONS

	Front Toric with Double Trimmed	Back Toric with Double Trimmed	Back Toric with Prism
Color			
Design Purpose	Corneal Astigmatism $\leq -2.00D$	Corneal Astigmatism $> -2.00D$	When double trimmed design fails
Suggested Curve	Avg K + 0.8	Avg K + 0.8	Avg K + 0.8 (-3.00D), or Avg K + 0.6
Curve Range	7.10 ~ 9.80 mm (step 0.1)		
Diameter	14.20 mm	14.50 mm	14.20 mm
Diopter (D)	-0.00 ~ ± 8.00 (step 0.25)		
	± 8.50 ~ ± 20.00 (step 0.50)		
Astigmatism (D)	-0.25 ~ -8.00 (step 0.25)	(step 0.25)	(Front Toric limit -4.00D)
Axis	1° ~ 180° (step 1°)		
HV Value	< 0.5	0.5	Fails double-trimmed criteria
Special Feature	Front toric on spherical base	Back toric fills the corneal concavity	Prism design with vertical support
Thin Zone	Upper & lower thin zones		Fitting height > 11 mm
Fitting Caution			Eyelids too high or too low

FITTING RECOMMENDATION

Evaluation	1. Ensure the 6 o'clock engraving is aligned downward upon insertion for quicker vertical stabilization. 2. Begin lens assessment 10 minutes after fitting to allow natural settling. 3. Confirm that the lens centres well (ideal eccentricity $e = 0.45$). 4. The lens should move vertically about 0.5 mm with each blink. 5. Observe lens lag of about 1.0 mm during upward, downward, and side gaze. 6. Gently nudge the lens upward, quickly do the push up test.
Adjustment After Evaluation	1. If the 3, 6, and 9 o'clock markings are consistently misaligned after wear, it is recommended to adjust the axis using the "add with-the-rule, subtract against-the-rule" method. 2. After adjustment, the markings will remain at the original offset position and will not return to the standard 3, 6, and 9 o'clock position.

Precision Design

Engineered for optimal fit and stability

Reliable Performance

Consistent quality for clinical confidence

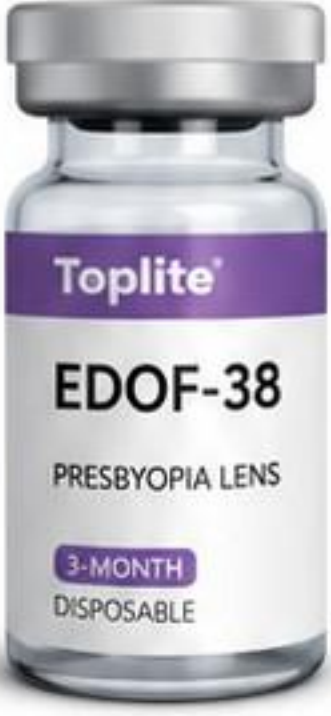
Tailored Solutions

For complex cases and unique eye conditions



M2-38
Comfort Multifocal Lens (Quarterly)

Comfort boost design for easy adaptation and enhanced near vision.



EDOF-38
Presbyopia Lens (Quarterly)

Extended depth of focus for smooth, clear vision at every distance.

PRODUCT FEATURES



Comfort Boost Design
Incorporates an additional +0.50D to +0.75D in the near zone, helping to relax the ciliary muscle and reduce accommodative stress.
Enhances comfort for near tasks and alleviates eye fatigue.



Presbyopia Extended Depth-of-Focus (EDOF) Design
Utilizing PinHole Theory, this design extends depth of focus through a central small aperture zone, enhancing image clarity across near to intermediate distances with smooth transitions.



Balance
Optimal oxygen permeability for healthy eyes



38% Water Content
For all-day hydration and comfort



Crystal Clear
High clarity material for crisp and stable vision



Comfortable
Smooth, comfortable wear for everyday use

EDOF-38 VS GENERAL MULTIFOCAL LENS

FEATURES	EDOF-38 PRESBYOPIA LENS	GENERAL TYPE
Easy Fitting & Adaptation	✓ Yes	✗ No
Need to Measure Pupil Size	✓ No	✗ Yes
Require CD/CN Testing	✓ No	✗ Yes
Reduced Ghosting	✓ Yes	✗ No
Visual Acuity Drop (0.1–0.2)	✓ Yes	✓ Yes
Less Contrast Sensitivity Loss	✓ Yes	✗ No
Clarity of 3D Images	★★★★★ Clearer	★★★ Less Clear

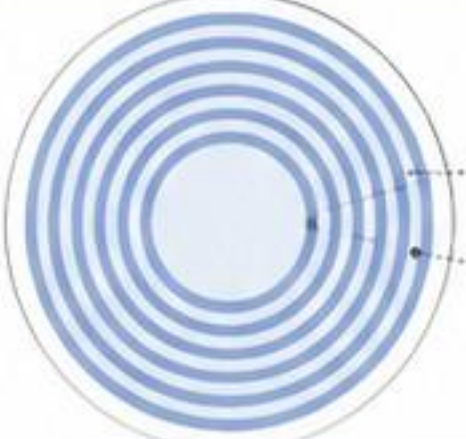
LENS DESIGN

M2-38 COMFORT MULTIFOCAL LENS



- Distance Zone**
Clear vision for distance
- Transition Zone**
Smooth power progression
- Near Zone**
Enhanced +0.50D to +0.75D for near tasks

EDOF-38 PRESBYOPIA LENS



- Central Small Aperture Zone**
Extends depth of focus using PinHole Theory
- EDOF Concentric Zones**
Smooth transitions from near to intermediate to distance



Enhanced Comfort
Comfort boost design reduces eye strain and improves all-day wear experience.



Extended Depth of Focus
EDOF technology delivers clear, stable vision at multiple distances.



Quarterly Replacement
3-month disposable for better ocular health and consistent performance.



Comfort Multifocal Lens (Quarterly)

M2-38



USD 27/per vial.



Comfort boost design for easy adaptation and enhanced near vision.



Helps relax the ciliary muscle and reduces accommodative stress.



Enhanced comfort for near tasks and alleviates eye fatigue.



Presbyopia Lens (Quarterly)

EDOF-38

EDOF-38SE



USD 27/per vial.



Extended depth of focus for smooth, clear vision at every distance.



Utilizing PinHole Theory to enhance image clarity from near to intermediate distances.



EDOF channel provides smooth vision transitions without compromising visual quality.

STOCK SPECIFICATIONS

Material	UK-Imported POLYMACON 38%	
Water Content	38%	
Oxygen Permeability (Dk/T)	10	
Modulus	0.79 Mpa	
Recommended Base Curve	Average K + 0.7	
Curvature Range	7.10 ~ 9.80 mm	(step 0.1)
Diameter	14.00 mm	(HVID + 2.5)
Prescription Range (D)	+20.00 ~ -20.00	(step 0.25)
ADD Power (D)	+0.50 ~ +0.75	

STOCK SPECIFICATIONS

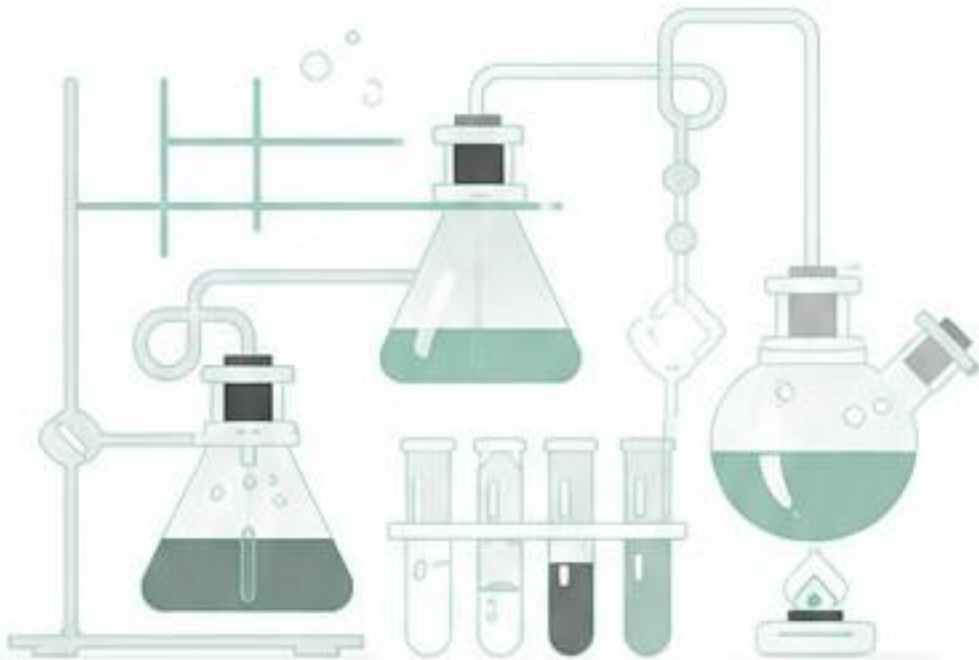
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Water Content	38%	
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Curvature Range	7.10 ~ 9.80 mm	(step 0.1)
Diameter	14.00 mm	(HVID + 2.5)
Prescription Range (D)	+20.00 ~ -20.00	(step 0.25)
Astigmatism Correction (D)	-0.25 ~ -8.00	(EDOF-38SE)
ADD Power (D)	+1.00 ~ +5.00	

FITTING RECOMMENDATION

Lens Positioning	Proper lens alignment is critical for visual clarity and wearer comfort.
Refraction Steps	- Measure average K readings and HVID. - Confirm dominant eye, refractive power, and ADD. - For low-contrast vision, apply spherical compensation before determining final prescription.
Evaluation	- Binocular VA with EDOF-38: distance 0.1–0.2, near VA within 2–3 lines above smallest readable line. - Use ±0.50D trial lenses to fine-tune distance/near vision.
Adjustments	- Distance blur: -0.50D to dominant or both eyes. - Near blur: +0.50D to non-dominant or both eyes.
Position Check (after 5 min)	- Centration e = 0.45 (if > 0.6, increase diameter). - Primary movement 0.5 mm; lateral lag < 1.0 mm. - Push-up test for mobility.
Post-Check	- Too loose/slipping: reduce pupil size 0.2 mm or increase dia. 0.3 mm. - Too tight/immobile: enlarge pupil size 0.2 mm or reduce dia. 0.3 mm.

Note: +0.5 mm diameter = -0.3 mm pupil size.

-  Prosthetic Eyes (Yearly) P-38
-  High Myopia and Hyperopia Lenses ... SC-38Y
-  Specialty Filter Lenses (Red) SC-38R
-  Specialty Filter Lenses (Green) SC-38G



PRODUCT FEATURES

Specialized High-Polymer Dyeing Technology applied in medical optics, targeting M, S, and L cone cells for color vision compensation. Enhances contrast and visual sharpness under specific lighting conditions during sports activities.



FDA APPROVED
Meets stringent safety and quality standards.



YEARLY DURABLE
Designed for long-term performance and reliability.

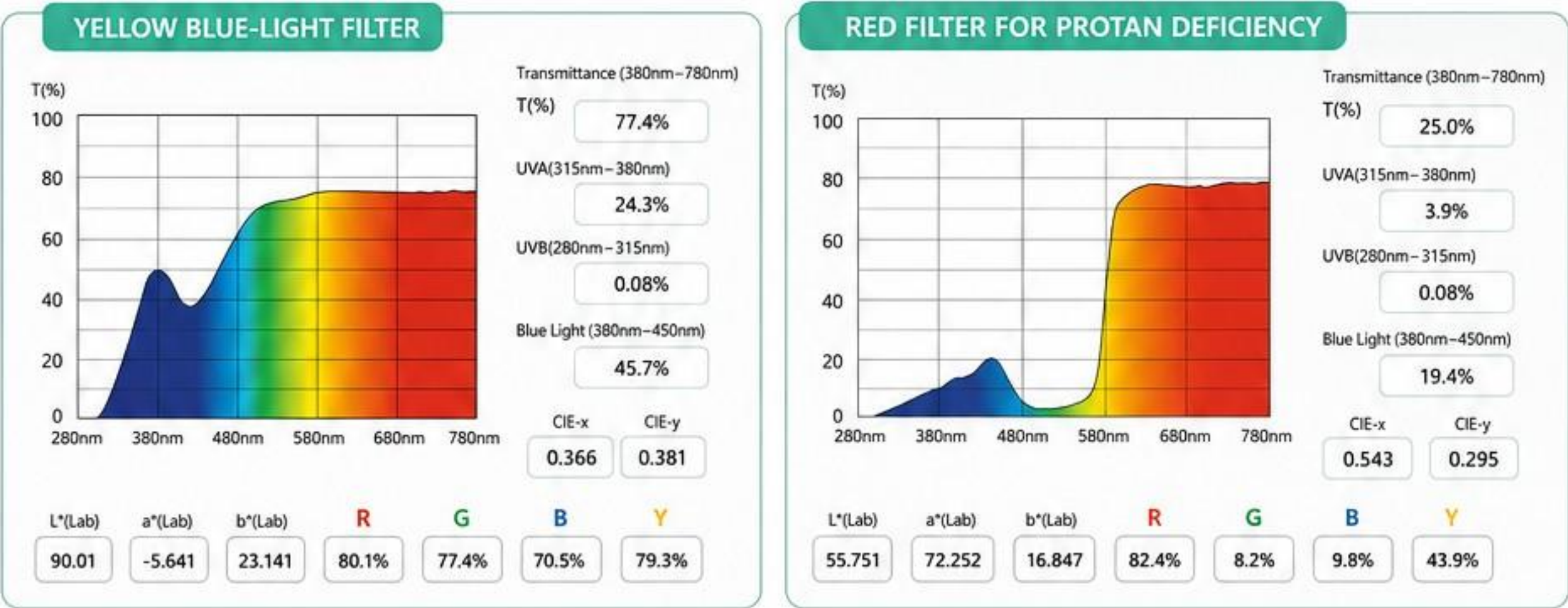


COMFORTABLE
Provides comfortable visual experience.

SPECIALTY FILTER LENSES SC-38 COLORS

COLOR					
	YELLOW	RED	GREEN	BROWN	ORANGE
Blue Light Filtering					
Medical Reference	Reduces Glare & Reflections; Helps Prevent Macular Degeneration	Protan Deficiency (Red-Weakness)	Deutan Deficiency (Green-Weakness)	Relieves Glare – Suitable for Post Cataract, Glaucoma, Post LASIK	Reduces Glare – For Light Sensitivity and Vision Support in Diabetic Patients
Professional Sports Reference	Cycling, Shooting, Badminton and Other Indoor Sports	Increases Depth of Field	Improves Contrast for Indoor Sports: Shooting, Handball, Squash, Table Tennis, Tennis	Blue Light Reduction for Watch Sports, Fishing, Skiing, Cycling	Baseball, Cycling, Shooting, Badminton, and Other Indoor Sports

 = Effective  = Not Effective



SC-38R

Specialty Filter Lenses



-  Enhances contrast and visual sharpness
-  Optimized for specific lighting conditions
-  Improves color vision compensation



P-38

Prosthetic Eye

-  High oxygen permeability
-  Comfortable all-day wear
-  Stable and reliable material



SC-38R Specially Filter Lenses Colors

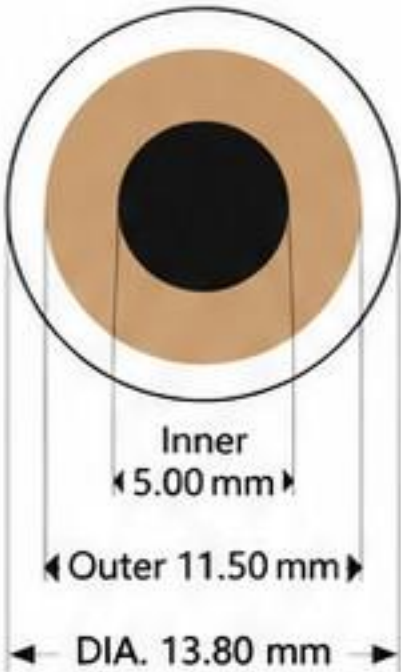


Recommended Curve	Average K + 0.8 mm	
Curvature (BC)	7.10 ~ 9.80 mm	(step 0.1)
Standard Diameter	13.80 mm	(HVID + 2.5)

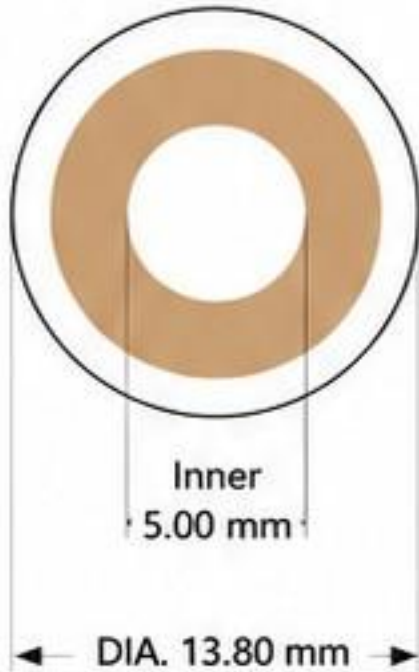
FITTING RECOMMENDATION

 Evaluation	1 Begin testing after 10 minutes of wear 2 Visual Clarity: Confirm vision clarity with eccentricity e = 0.45 3 Vertical Movement: Approx. 0.5 mm 4 Horizontal Movement: Approx. 1.0 mm 5 Push-Up Test: Lens should move freely and return quickly to centre	
 Adjustment after evaluation	If too loose or slipping → Decrease the base curve or increase the diameter	If too tight or stuck → Increase the base curve or decrease the diameter
 Fitting Tip	Increasing the diameter 0.5 mm = reducing the base curve 0.3 mm	

PROSTHETIC EYE (P-38)



SPECIALTY FILTER LENS (SC-38R)



Toplite

— Since 1985 —

Hsing Huang Co., Ltd.

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Better Vision



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