

PRODUCT SPECIFICATIONS

REPLACEMENT

2

WEEK

Silicone hydrogel contact lenses			
Material		Asmofilcon A. Silicone Hydrogel (Group V ISO18369-1). Water content: 40%. Dk: 129 x 10 ⁻¹¹ (cm ² /sec) (mLO ₂ /(mL · mmHg) (ISO). Spectral and luminous transmittance: 98%. Refractive index: 1.423. Contact angle: 27° (Captive bubble method). Blue handling tint. Nanogloss™ surface treatment.	
Design		Sphero-aspheric	Toric
Parameters range	Ø _r	14.00mm	
	r ₀	8.60mm - 8.30mm	8.60mm
	t _c	0.08mm (-3.00D)	
	Dk/t _c	161 x 10 ⁻⁹ (cm/sec) • (mLO ₂ /(mL x mmHg))	
	F _v	+6.00 ~ - 6.25D (to 0.25) -6.50 ~ - 13.00D (to 0.50)	plan ~ -6.00D (to 0.25) -6.50 ~ -10.00D (to 0.50)
	Cyl		-0.75D -1.25D -1.75D
	Axes	180° 170° 160° 90° 20° 10°	180° 170° 160° 90° 20° 10° 180° 170° 160° 20° 10°
Recommended wearing time		Daily wear or flexible wear (up to 6 night extended wear) in 2 week replacement.	
Lens Care		MeniCare™ Soft Multipurpose solution for cleaning, disinfection, storage and rinsing. Innovative formulation: Comfortec™. Efficient to remove lipids deposits. Less protein adhesion. High disinfection power with low cytotoxicity.	
Packaging		6 lens blisters per pack. Menicon heart shaped blister. 6 month PremiO and PremiO Toric Pack: 4 boxes x 6 lenses, + 3 x 360ml MeniCare™ Soft, + 3 lens cases.	
Club PremiO		All about Menicon PremiO lenses, e-memo service: www.meniconpremio.com	

CE 0483 - manufacturer: Menicon Co.,Ltd.



2 week replacement
Silicone hydrogel contact lenses

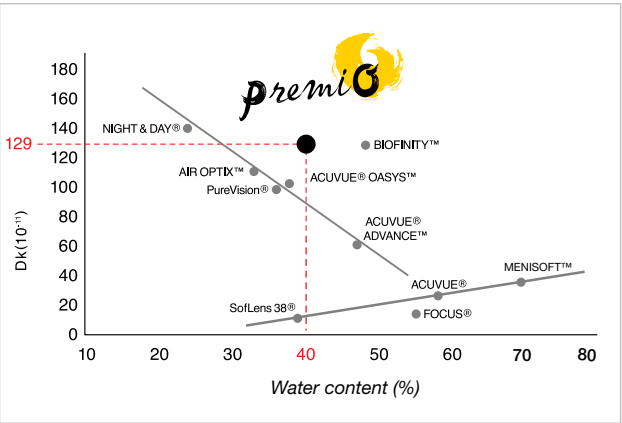
OXYGEN AND COMFORT

2 week replacement

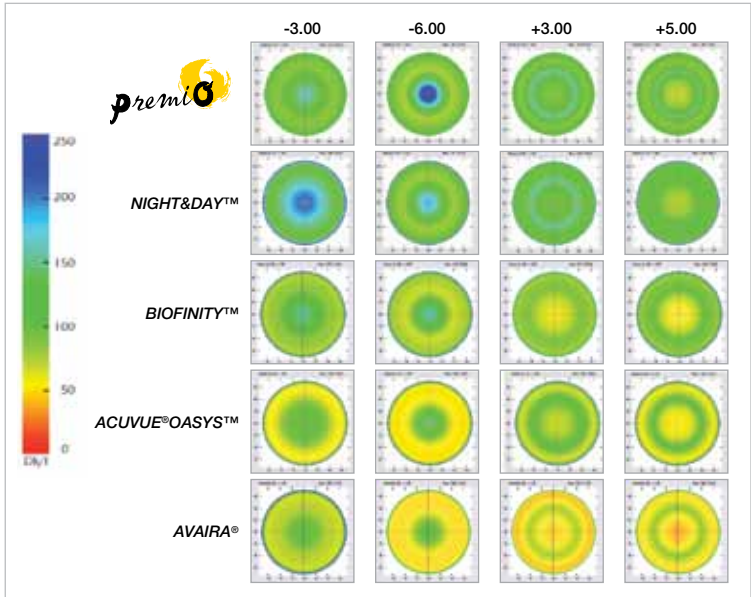
■ MeniSilk™ & Nanogloss™ Technology

MeniSilk™ innovative new hydrophilic monomer with advanced polymerization system:

- Remarkable moisture level.
- Outstanding oxygen permeability.
- High degree of transparency.



■ Maximum corneal oxygenation across all parts of the lens

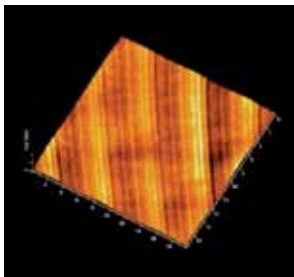


Oxygen Transmissibility (Dk/t) depending on lens profile
Source: Menicon data on file

■ Nanogloss™ Advanced Surface Technology

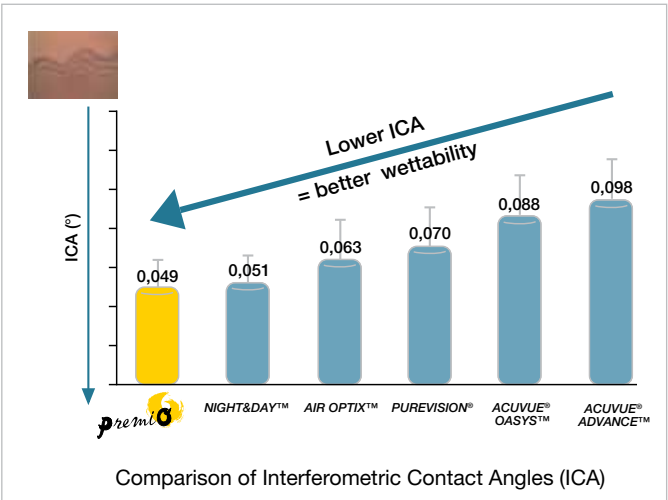
Highly controlled smooth surfaces and nanometer scale reproducibility.

- Improved wettability
- Lipid resistance
- Fewer bacterial adhesion*



Atomic Force Microscope images

Source: Menicon data on file
* Bacterial adhesion to unworn and worn silicone hydrogel lenses
Willcox et al. Optom Vis Sci 2012;89:1095-1106



Source: K. Maruyama et al. BCLA 2007
Menicon Co., Ltd.

VISIOSTABLE DESIGN™ INNOVATION

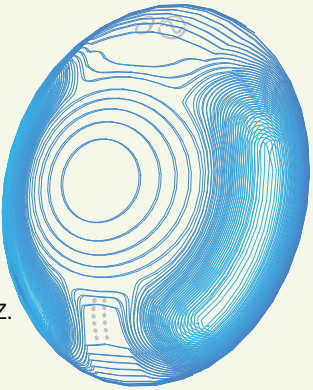
for astigmatism

■ Thinner back toric design

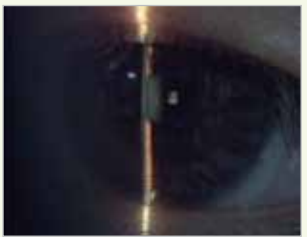


Double vertical asymmetric slab-off
to fit lids anatomy.

Horizontal (Right and Left) peripheral ballast
without prismatic effect.
Independent peripheral design from O.Z.



Double dot line mark



On the eye (slit lamp): visibility of the double dot line mark which is not covered by the lower lid.

Anatomic profile



Cornea is widely covered by the upper lid and is narrowly covered by the lower lid.



The double slab off fit to the asymmetric lids anatomy to prevent axis rotation and for lens centration.

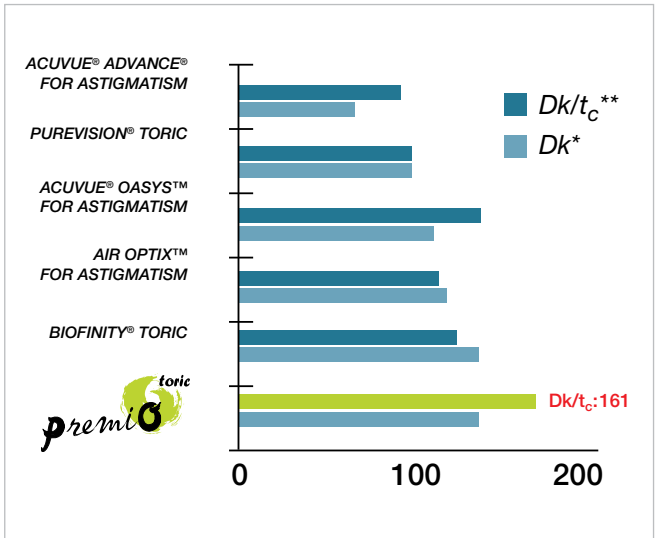
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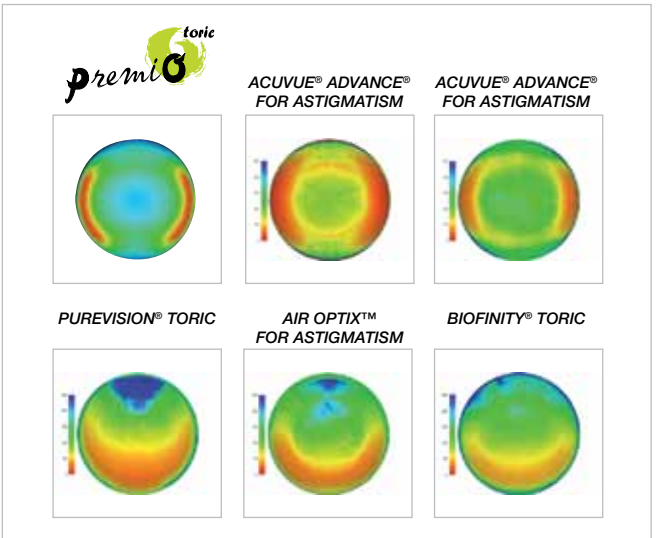
TIP: because of the vertical asymmetric design, Premio Toric lens should be placed on cornea with number 6 logo on top, and guide mark pointing down at 6 o'clock.

Centration • Axis stabilization • Prevent lens rotation • Easy fitting

■ Maximum transmissibility



Source: Contaguide 2010
*Dk: x 10⁻¹¹ (cm²/sec) • (mLO₂/(mL x mmHg))
**Dk/tc: x 10⁻⁹ (cm/sec) • (mLO₂/(mL x mmHg))@-3.00D



Transmissibility color maps from different toric design lenses
(Power: -3.00 D cyl: -1.25 D Axis: 180°)

Source: Menicon data on file