

Menicon
Vintage

Menicon Vintage
Fitting Guide



Getting to know the design

Menicon Vintage lenses are custom made, individually crafted hydrogel lenses that are replaced every 6 months. They are an ideal choice for patients who prefer a detailed fit and the high level of comfort that a soft custom contact lens can give. They are also great for patients with extreme parameters, previous hydrogel lens wearers and patients who experience conventional soft lens discomfort.

Lens parameters

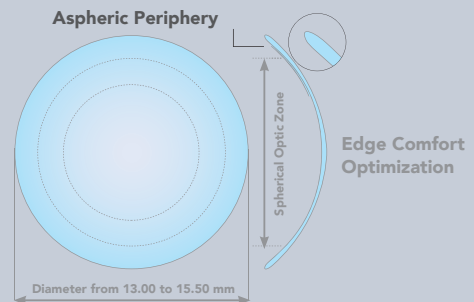
	Menicon Vintage	Menicon Vintage Toric	Menicon Vintage Multifocal	Menicon Vintage Multifocal Toric
Power	-25.00D to + 25.00D (0.25D steps)			
Radius	7.00 mm to 9.50 mm (0.10 mm steps)			
Diameter	13.00 mm to 15.50 mm (0.10 mm steps)			
Cylinder		C -0.50D to -5.00D (0.25D steps)		C -0.75D to -3.50D (0.25D steps)
Axis		1° to 180° (1° steps)		1° to 180° (1° steps)
Addition			+1.00D to +3.00D (0.50D steps)	
Wearing Type	Daily wear			
Recommended Replacement	6 month replacement			
Material	Mipafilcon A II 2 (Soft 72)			
Dk (ISO)	34 x 10 ⁻¹¹ (cm ² /sec) [mLO ₂ /(mL x mmHg)]			
Water Content	72% non-ionic			
Handling Tint	Green			
UV Filter	No			

Design

Menicon Vintage is available in a spherical, toric, multifocal and multifocal toric design. With an extensive range of parameters, Menicon Vintage is a wonderful option for a wide range of patients.

Spherical

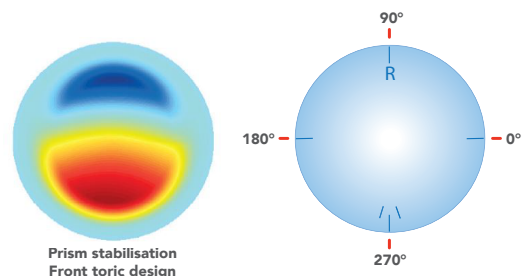
The spherical optic zone and aspherical periphery provide an ideal fit on the corneal and limbal areas. The thin spherical edge is the same for all lens powers and is specially designed for comfort optimization. With a diameter range of 13.00 mm to 15.50 mm it is possible to fit this design on almost any eye.



Toric

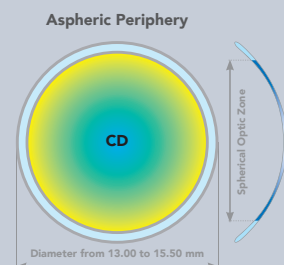
The Menicon Vintage Toric is a toric design that you can order as a custom lens. The design incorporates prism stabilisation in the optic zone and periphery. The prism stabilisation allows the lens to rotate to the correct position automatically whatever the initial placement is.

This toric design is suitable for all soft lens wearers with residual astigmatism. This lens is also ideal to help existing toric contact lens wearers with vision problems due to non-optimal or unstable lenses.



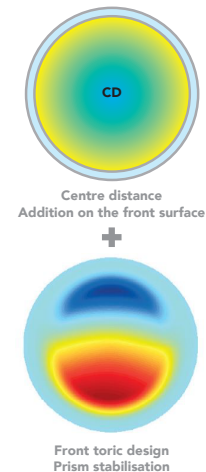
Multifocal

The multifocal design has the same inner geometry as the spherical design. Menicon Vintage Multifocal applies the centre-distance principle with the addition power slowly increasing from centre towards the periphery. The progressive addition zone is located within the lens front geometry and works according to a simultaneous vision system.



Multifocal Toric (Multi-Toric)

The Menicon Vintage Multi-Toric is a custom toric hydrogel lens for your astigmatic presbyopic patients. With this design, astigmatic patients have a tailor-made multifocal solution. The prismatic stabilisation on the front ensures that the lens stabilises well. The progressive zone design provides optimal vision at distance and near.



Topographer compatibility

Menicon Vintage is fitted using Menicon's Easyfit Desktop contact lens fitting software. Easyfit Desktop is compatible with the following topographers which have been extensively tested and validated within the system.

- BON Eyetop
- Cassini
- CSO Sirius
- Essilor AnaEyes
- Essilor WAM 700(+) / 800
- EyeTop 2005
- Haag-Streit
- Keratron
- Medmont Meridia v3 t/m v7
- Myopia Expert 700
- Nidek OPD-Scan III
- Oculus Easygraph
- Oculus Keratograph
- Oculus Pentacam
- Phoenix
- Rexam RET-700
- Rodenstock DNEye Scanner
- Shin-Nippon CT-1000
- Tomey RT-7000
- Tomey TMS-2 t/m TMS-5
- Topcon 7000
- Topcon 8100
- Topcon Aladdin
- Topcon CA-100
- Topcon CA-200
- Topcon CA-800
- Topcon MYAH
- Visionix VX-120 / VX-205
- Zeiss i.Profiler (plus)

Fitting Protocols

You can choose to fit the lens in one of two ways:

Method 1: Easyfit Desktop Method

Use Easyfit Desktop to determine the lens

Fitting Menicon Vintage is easiest and fastest using Easyfit Desktop. The fitting software ensures that you enter the correct parameters step by step and makes sure you get the correct lens power in all meridians. This will give you an optimal result. When you use a corneal topographer, the software also takes the measured corneal eccentricity into account.

Method 2: Manual fitting

Use manual fitting rules to choose a lens based on a formula

1. Determine Base Curve (BC) based on average K:

$$\text{Average K} = \frac{\text{Flat K} + \text{Steep K}}{2}$$

Flat K = flattest corneal radius

Steep K = steepest corneal radius

K value in each meridian must be measured with Keratometry or Corneal Topography

2. Determine total diameter (TD) based on HVID

Menicon Vintage lenses are available with a diameter range from 13.00 mm to 15.50 mm (in 0.10 mm steps). It is very important to order the correct lens diameter which is based on the HVID. For more information on accurately measuring the HVID, please review our HVID measurement instructions on the Menicon Academy website.



Lens diameter too small

- Less comfortable
- More movement
- Possible decentration and shifting with fast eye movement



Correct lens diameter

- 2.4 to 2.7 mm larger than HVID
- Normal movement
- Well centered
- Comfortable



Lens diameter too large

- Lens covers too much of the conjunctiva
- Chance of less movement
- Possibly too much pressure on the conjunctiva and disrupted corneal physiology

Spherical fitting rule:

BC = Flat K + 0.60mm

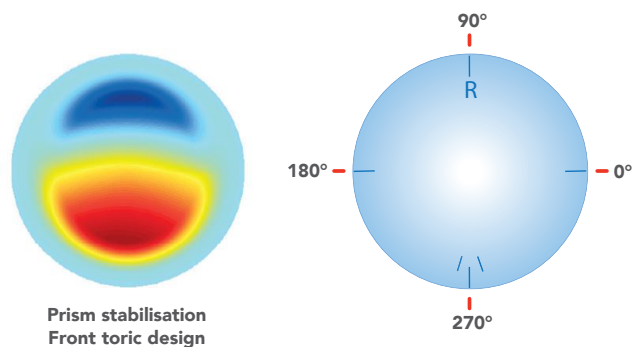
Total Diameter = HVID + 2.40mm

Toric fitting rule:

BC = Average K + 0.80mm

TD = HVID + 2.70mm

The Menicon Vintage Toric has hashmarks at 0°, 180° and 270° for checking the fit. To better assess possible rotation, the lens also has two small markings at 255° and 285°. The lens has a highly visible R or L marking to identify which eye it is for.



After blinking in extreme viewing directions, it is expected that the lens, like other toric lenses, will rotate a few degrees. When the lens returns to the correct position the lens is considered stable. If the lens moves too much, we recommend increasing the diameter by 0.5 mm.

Multifocal spherical fitting rules:

BC = Flat K + 0.60mm

TD = HVID + 2.40mm

Due to the optimal centering and the centre-distance design, the distance vision in the Menicon Vintage multifocal lens will generally be of similar quality to the Menicon Vintage spherical design. We recommend to:

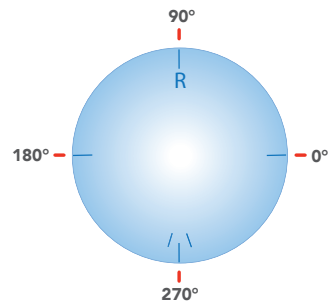
1. Switch to a multifocal design early so your patients can get used to the multifocal design as quickly and easily as possible.
2. For existing or new wearers, add the minimum addition that gives good vision at near.
3. Order the measured addition and no more than that.

Multi-Toric fitting rules:

BC = Average K + 0.80mm

TD = HVID + 2.70mm

The Menicon Vintage Multi-Toric has hashmarks at 0°, 180° and 270°. To better assess possible rotation, the lens also has two small markings at 255° and 285°. The lens has a highly visible R or L marking to identify which eye it is for. Advise patients to position the lens on their finger so the R or L is clearly visible to them. This helps to ensure the lens is on the eye correctly.



Important considerations

Tip 1

Measure the HVID

Remember to measure HVID manually in the topography scan. Some topography devices will overestimate or underestimate this measurement with their HVID automatic measurement feature. For more information on accurately measuring the diameter, please review our HVID measurement instructions on the Menicon Academy website.

Tip 2

Topography quality

Corneal topographies are used by Easyfit Desktop to calculate the lenses. Please ensure the scans are of high quality before calculating the lenses. If you would like to learn more about how to optimize topography scans, please review our Corneal Topography course on the Menicon Academy website.

Tip 3

Determining the dominant eye

The dominant eye is the eye where +0.75D will be the most disturbing for distance vision. Place +0.75D in front of each eye alternatively to check the impact on distance vision.

Tip 4

Determining precise refraction in presbyopic patients

- Maximum plus power in distance refraction
- Do not over-correct the addition: the minimum addition that gives a good near vision

Tip 5

Slit lamp without lenses

As with any contact lens fitting visit, it is important to ensure the cornea is healthy and suitable for lens wear. A simple slit lamp exam utilizing sodium fluorescein will help evaluate corneal health including any corneal staining.

Tip 6

Slit lamp with lenses

It is also important to check the lenses on eye to ensure good movement and proper centration.



Lens Care

Soft specialty lenses like Menicon Vintage need to be cleaned on a daily basis. We strongly recommend multipurpose solutions (MeniCare Soft or SOLOCARE AQUA®) for cleaning, disinfection, storage and rinsing. A rubbing step with multipurpose solution is highly recommended.

For patients who have problems with multipurpose solutions (accessibility, allergies), certain hydrogen peroxide solutions such as PlatinCare may be substituted.

Caution: do not use alcohol-based disinfecting and cleaning solution (risk of deterioration of the material).





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