

MeniconZ Omni

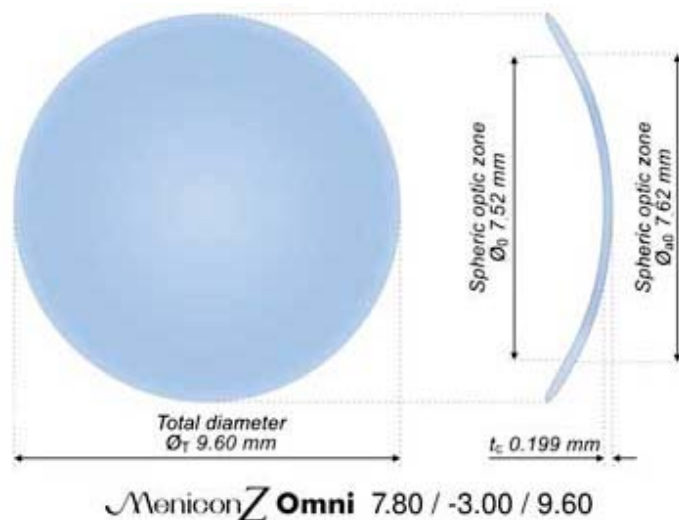
Material

Material:	Menicon Z (tisilfocon A) - Siloxanylstyrene and fluoromethacrylate copolymer with UV filter
Refractive index:	1.440
Oxygen permeability (Dk):	163×10^{-11} [mmHg] (ISO 9913-1); 189×10^{-11} (Fatt)
Tint:	Ice blue
Luminous transmittance:	(380 - 780 nm) = 90%
Spectral transmittance:	(210 - 380 nm) = 5%

Design: Sphero-aspheric

Back surface: The central spheric optic zone is surrounded by an aspherical periphery to ensure a high level of comfort and easy lens fitting.

Front surface: The size of the front optic zone depends on the lens' power to allow a well balanced thickness profile. The Menicon Z-Omni lens design is the basis for the back surface design of the Menicon Z FT, BT, Progressive and Executive lenses, all manufactured in Menicon Z material.



Parameters range

Parameters*	r_0 (mm)	Power (D)	Diameter (mm)
Min / Max	6.00 to 9.95	- 25.00 to + 5.00	8,80 to 11,00
Steps	0.05	0.25	0.20

Stabilisation prism available on request.

Indications

- **Hyper DK GP lens** for the correction of **myopia**, **hypermetropia** and/or **corneal astigmatism**.

- Specially indicated for:
 - Corneas with high oxygen demands
 - Hypoxic signs with other lens materials
 - High refractive errors with low levels of corneal astigmatism
 - Moderate to high corneal eccentricities
 - Kids and Teens
 - Aphakia

In case of residual astigmatism over a well fitted Z-Omni, the Menicon Z-FT with stabilisation prism is recommended.

Recommended lens replacement: < 2 years.

Fitting rules

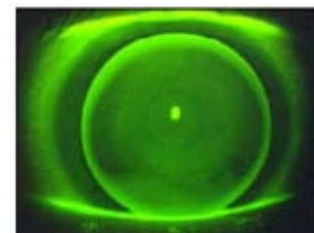
Corneal curvature = flatter corneal radius – steeper corneal radius

Corneal curvature = 0.4 mm
 Lens base curve = flatter corneal radius
 Diameter = 9.60 mm

Corneal curvature > 0.4 mm
 A Menicon Z **BT** / **BTC** is indicated

Example

Spectacle refraction: -5.50 / -1.75 @ 0° HVID 12 mm
 Keratometry: 7.91 @ 0° x 7.61 @ 90°
 Contact lens refraction: -5.25 / -1.50 @ 0°
 Corneal astigmatism: -1.50 @ 0°



The tear fluid trapped between the contact lens and the cornea corrects the corneal astigmatism. Lens base curve = flattest corneal radius = 7.90 Recommended lens: **Menicon Z-Omni 7.90 / -6.25 / 9.60**

Lens care

- › **MeniCare Plus** for daily care
- › **Progent** once a week for intensive cleaning (protein remover) and disinfection.

CE 0336 Manufactured by NKL

