

# MeniconZE

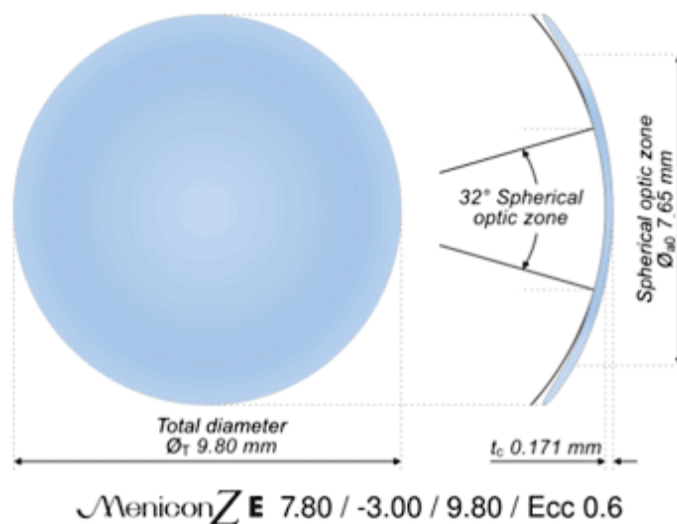
## Material

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

## Design: aspherical lens design with variable eccentricity

**Back surface:** The 32° central spheric optic zone is surrounded by an aspherical periphery available in different eccentricities (i.e. 0.4, 0.6 and 0.8).

**Front surface:** The size of the front optic zone depends on the lens' power to allow a well balanced lens thickness profile across the lens and an outstanding wearing comfort.



## Parameters range

Parameters*	$r_0$ (mm)	Power (D)	Diameter (mm)	Eccentricity
Min / Max	6.00 to 9.95	- 25.00 to + 5.00	8.80 to 11.00	0.4 / 0.6 / 0.8
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

## 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

Lens ecc. = ecc. of the flattest corneal meridian

Corneal curvature > 0.4 mm

A Menicon Z **BT / BTC** is indicated

### Example

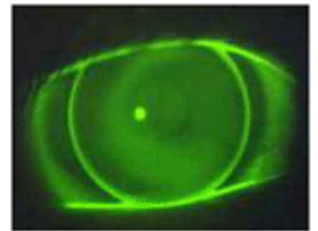
Spectacle refraction: -7.50 / -1.25 @ 0° HVID 14 mm

Keratometry: 7.91 @ 0° x 7.69 @ 90°

Eccentricity of the flattest corneal meridian: 0.43

Contact lens refraction: -6.75 / -1.00 @ 0°

Corneal astigmatism: -1.00 @ 0°



The tear fluid trapped between the contact lens and the cornea corrects the corneal astigmatism.

Recommended lens: **Menicon Z-E 7.90 / -6.75 / 9.80 / Ecc. 0.4**

## Lens Care

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

CE 0336 Manufactured by NKL

