

# BYO Premium KC and BYO Premium KC Toric

BYO Premium KC is a custom made soft silicone hydrogel contact lens for keratoconus. The lens is designed for fitting irregular corneas. The optimized thickness profile in combination with the flexible thinner ends (Flex Zones) in the periphery provide clear vision in combination with optimal movement and wearing comfort. The Flex Zones follow the transition from the cornea to the sclera, thus easily fitting the irregular eye. The silicone hydrogel material guarantees optimum oxygen permeability. This makes the lens particularly suitable for medical application.

## BYO Premium KC is also available in a toric version

BYO Premium KC Toric is a custom made back surface toric soft contact lens for medical application. The combination of prismatic and dynamic stabilization makes this design particularly suitable for the use in irregular corneas, guaranteeing stability. The stabilization can be determined by checking the laser marks at 3 and 9 o'clock. All lenses are laser marked with the Procornea logo and a unique serial number; quality that you can recognize.

## Application

- Keratoconus
- Irregular corneas
- Discomfort with RGP's

## Highlights

- Easy fit thanks to the Flex Zones
- Stable vision
- Optimized thickness profile
- Custom made

## Fitting advice

In case of keratoconus, always start with a spherical BYO Premium KC trial lens Base Curve Radius (BCR) 7.60 mm. With other forms of irregular corneas, generally, a slightly flatter BCR may be required. You can check the fit after 10 minutes. These lenses should show normal movement in the push up test. Choose a flatter BCR if there are air bubbles in the central area under the lens. Choose a steeper BCR when there are air bubbles in the periphery (edge). The fitted lens must be worn for at least 30 minutes to determine the final power. Always start with a spherical over-refraction. In case of insufficient vision check for rest-cylinder and stabilization.

## Parameter range

Radius (r0):	7.50 to 9.80 mm in steps of 0.10 mm
Sphere Power (F'v):	+25.00 D up to -25.00 D in 0.25 D steps
Cylinder (Toric):	-0.75 D up to -6.00 D in 0.25 D steps
Axis (Toric):	0° to 180° per 1°
Diameter (øT)*:	13.50 to 15.00 mm in steps of 0.10 mm

**\*Standard 14.00 mm. Special parameters available upon request**

## Wear advice

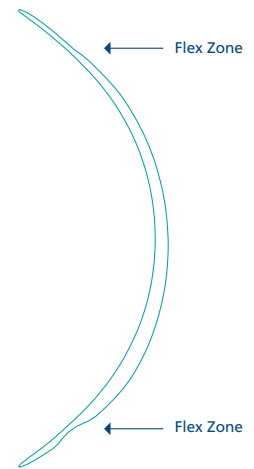
The BYO Premium KC can be worn daily with a maximum of up to 3 months. It is advisable to replace this lens every 3 months.

## Technical information

Material:	Ultima silicone hydrogel*	GM3
Water content:	48%	58%
Dk/t:	71 (-3.00 D)	27 (-3.00 D)
Modulus:	0.62 Mpa	0.16 Mpa
UV filter:	Yes	Yes
Handling tint:	No	Clear/Blue
Central thickness:	0.30 mm (-3.00 D)	0.10 mm (-3.00D)
Markings (Toric):	Two markings at 3 and 9 o'clock	
Engravings:	Procornea logo and batch number	
Application:	Daily wear	
Packaging:	Blister	

**\*Standard material**

PROCORNEA  
**MED+**



Cross-section BYO Premium KC lens

CEP Design  
Comfort Edge Plus

