



## Diagnostic Fitting Set

Reflex Kera is a custom SiHy soft lens designed specifically for irregular corneas. Manufactured in Contamacs Definitive material, Reflex Kera employs unique features and a simple fitting strategy to deliver superior, stability comfort and vision.

By introducing double lenticularisation and pressure balancing holes to the mid peripheral zone and increasing centre thickness, Reflex Kera also offers superb centration, tear exchange & oxygen transmissibility. Reflex Kera is available as a spherical and toric design.

### Reflex Kera Parameters

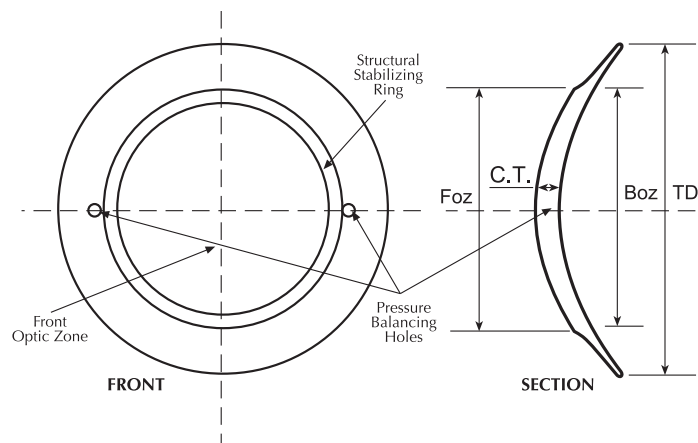
<b>Material</b>	Definitive SiHy, 74% water
<b>Oxygen/Modulus</b>	60Dk/0.39MP
<b>Base curve</b>	7.00, 7.30, 7.60, 7.90, 8.20
<b>Powers</b>	+10.00 to -20.00
<b>Diameter</b>	14.2
<b>Cylinder/Axis</b>	Up-to -7.00/Any

### Fitting Set Parameters

Base Curve	Power	Diameter
<b>7.00</b>	-7.00	14.20mm
<b>7.30</b>	-6.00	14.20mm
<b>7.60</b>	-5.00	14.20mm
<b>7.90</b>	-4.00	14.20mm
<b>8.20</b>	-3.00	14.20mm

### Indicated For:

- Keratoconus
- Pellucid marginal degeneration
- Post refractive surgery
- Post penetrating keratoplasty
- Other corneal irregularities



# Fitting Guide

Reflex Kera is fitted from a 5 lens fitting set. The fitting set has base curves of:  
7.00, 7.30, 7.60, 7.90 and 8.20mm

## 1: Select Diagnostic Lens

The initial diagnostic lens base curve should be selected as below rather than using keratometry readings.

- For prolate/keratoconus corneas
  - ▶ Select 7.60 BC
- For oblate/post-surgical corneas
  - ▶ Select 7.90 BC

## 2: Assess Diagnostic Fit

**Wait 10 minutes.** This allows the lens to settle and equilibrate.

### If diagnostic lens:

- Exhibits excessive movement (>1 mm on blink) or fluting of the edge
  - ▶ Select next steeper base curve
- Exhibits little or no movement or trapped bubbles after 10 minutes of settling
  - ▶ Select next flatter base curve

## 3: Power Determination

- Lens must have settled for a total of 30 minutes before over-refracting
  - ▶ The tear lens needs to form fully before an accurate power can be calculated
- The aim of over refraction is to obtain good functional vision

### Evaluate Visual Acuity:

- Always begin with a spherical over-refraction
  - ▶ If acceptable vision is obtained, vertex correct the over-refraction as necessary and order lens
  - ▶ Only perform a spherocylindrical over refraction if good functional vision cannot be obtained
- Patients are more likely to be happy with consistent 6/9 or 6/12 vision than with a highly variable and intermittent 6/6
  - ▶ If a spherocylindrical over refraction produces a consistent improvement of a line or ideally more of vision a toric lens should be ordered
  - ▶ The two fenestrations in the Reflex Kera toric will be placed at the 3 and 9 o'clock positions. There is also a dot at the 6 o'clock position



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