

SEED[®]

Introduction to
AS-LUNA (RGP) Lenses



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24pcs Trial Lens Set

- Aspherical surface design
- Flexible RGP Lens Material
- High Level of Oxygen Transmittance ($Dk = 156$)

Current Trial Lens Set (24 pieces)

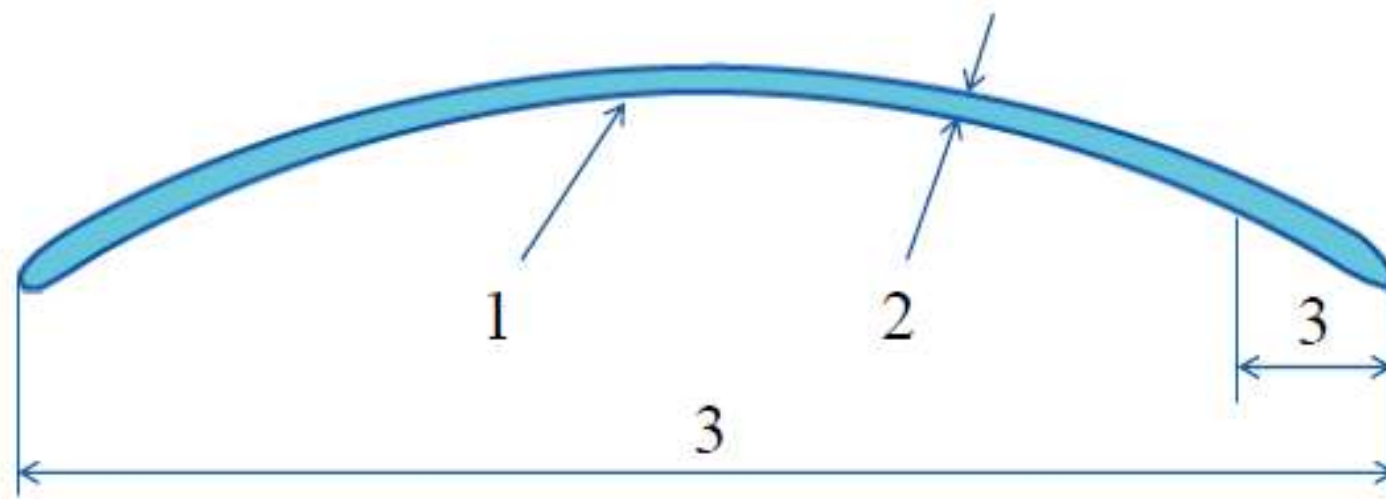
<u>BC</u>	<u>Power</u>	<u>Diameter</u>	<u>Quantity</u>
7.30	-3.00	9.2	2pcs
7.40	-3.00	9.2	2pcs
7.50	-3.00	9.2	2pcs
7.60	-3.00	9.2	2pcs
7.70	-3.00	9.2	2pcs
7.80	-3.00	9.2	2pcs
7.90	-3.00	9.2	2pcs
8.00	-3.00	9.2	2pcs
8.10	-3.00	9.2	2pcs
8.20	-3.00	9.2	2pcs
8.30	-3.00	9.2	2pcs
8.40	-3.00	9.2	2pcs

Unique Features of AS-LUNA

- ✓ Aspheric Design
- ✓ Flexible & Durable Material
 - ✓ High DK Value
- ✓ 0.10mm Base Curve



Aspheric Design



1. Aspheric Base Curve
2. Thinner design
3. Wide bevel and larger diameter

Natural Aspheric (NA) design for improved comfort

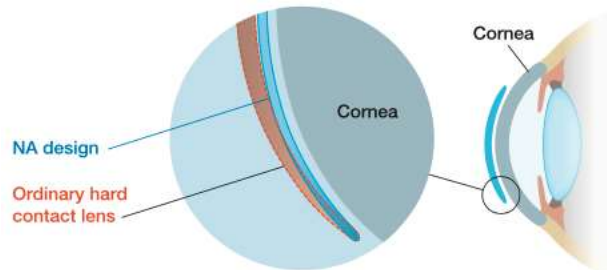
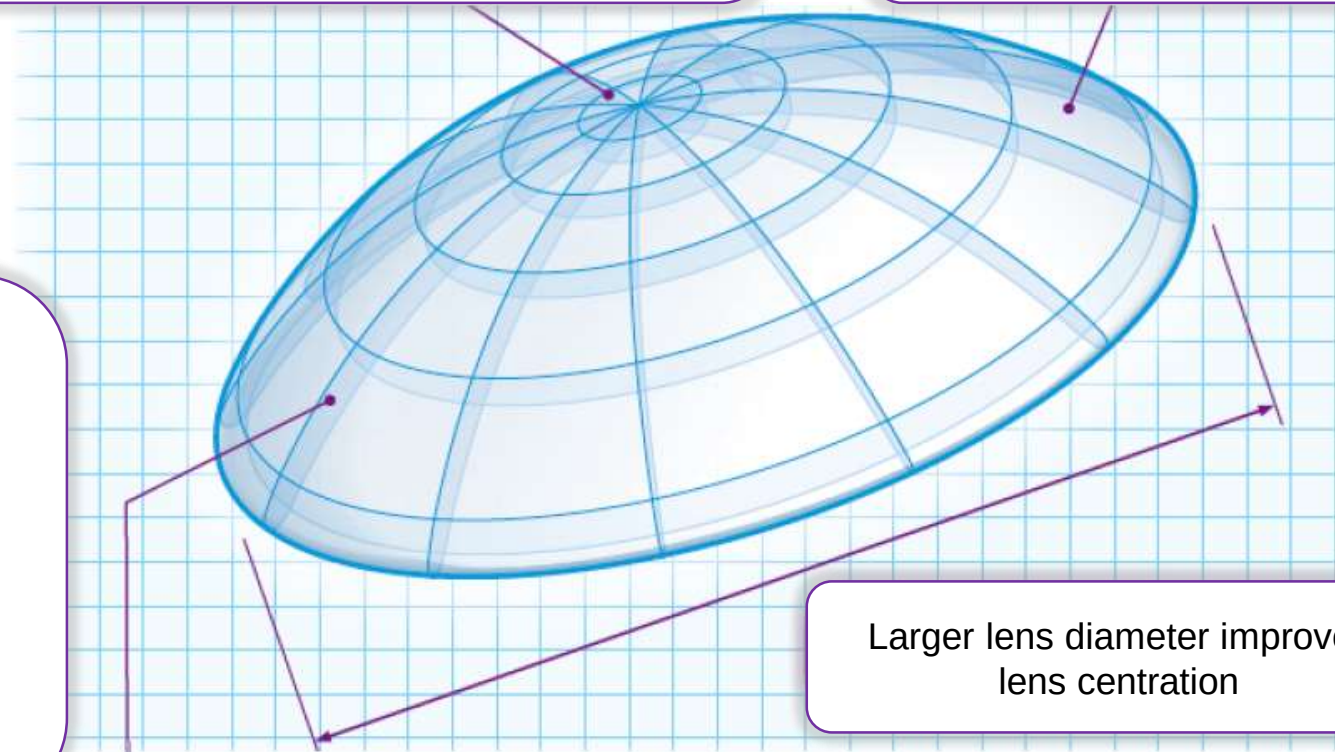
THIN

With a center thickness of 0.13mm (@ -3.00D), it is one of the thinnest among the RGP lenses. SEED AS-Luna is also 23% thinner than previous product. Reduction in thickness increases lens comfort.

Moderate aspherical lens design matching the lens diameter without compromising the base curve.

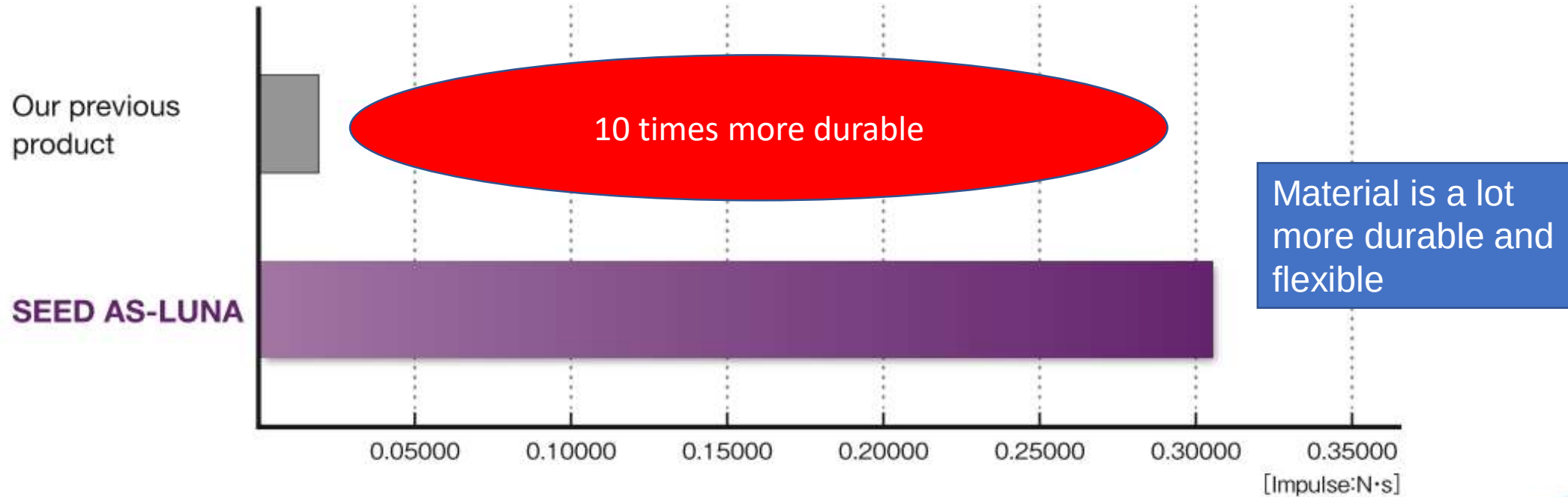
Aspherical
Surface

An aspheric design with a BC much closer to the shape of the cornea provides a more natural fit as compared to spherical lenses



Larger lens diameter improves
lens centration

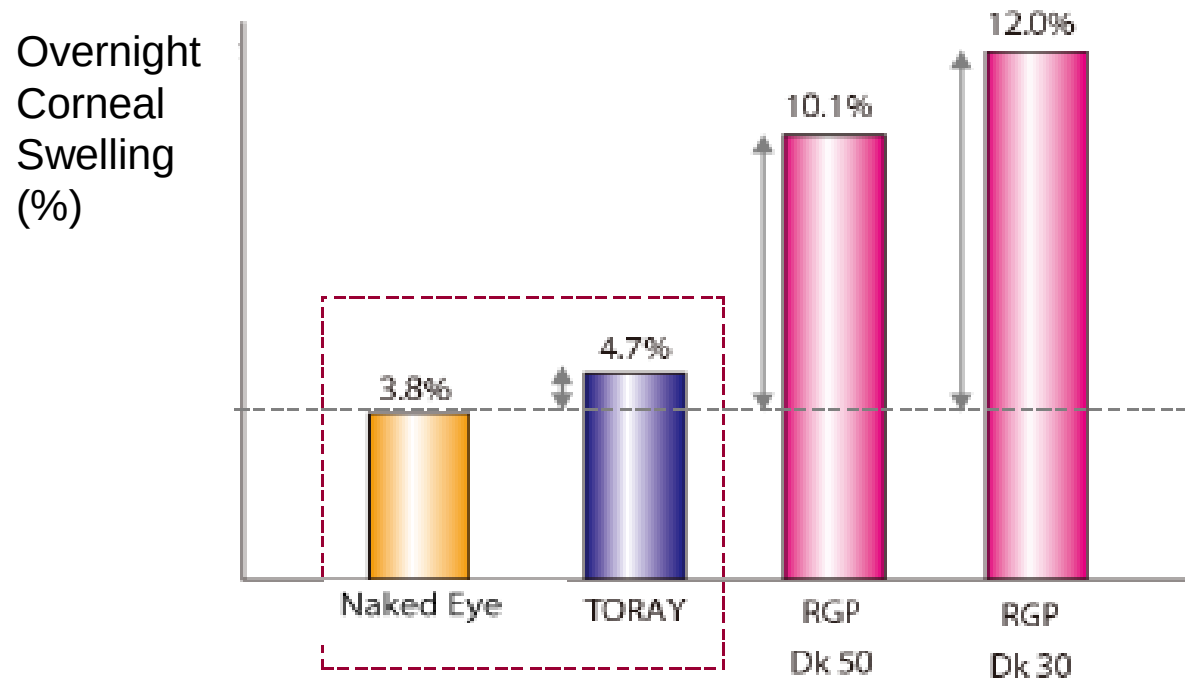
Flexible and Durable RGP Material “Polymer alloy Technology”



Test method: Repeatedly dropping a steel ball with a certain weight from prescribed height till the lenses are broken

High level of oxygen permeability (Dk 156)

The rate of Overnight Corneal Swelling compared to conventional RGPs (Middle Dk-50 & Low Dk-30)



Toray's RGP Material (Dk 156) guarantees High-Level Safety for Contact Lens Wear

Overnight Corneal Swelling

0.10mm Step Base Curve

The adoption of an aspheric base curve improves the fit of the cornea, which increases the allowance of fitting with one base curve

Base curve	7.30 mm to 8.40 mm (0.10 mm step)
Power	-3.00D
Diameter	9.2 mm
No. of lenses	2 lenses each, 24 lenses in total
Stamp	S800 (in case of 8.00 mm base curve)

First Lens Selection =
AVERAGE K with standard
diameter 9.2mm

Product Specifications

Product Name		SEED AS-LUNA
Approval No.		22600BZX00389000
Lens Physicality	Lens Materials	Fluoride-containing methacrylate compound, Silicon-containing methacrylate compound
	Oxygen permeability (Dk value)	$156 \times 10^{-11} (\text{cm}^2/\text{sec}) \cdot [\text{mLO}_2/(\text{mL} \times \text{mmHg})]$
	Oxygen Transmittance (Dk/L value)	$120 \times 10^{-9} (\text{cm}/\text{sec}) \cdot [\text{mLO}_2/(\text{mL} \times \text{mmHg})]$ (at -3.00D)
	Lens shape	Aspheric base curve
	Center Thickness	0.13mm(at -3.00D)
	Lens Color	Blue
Lens Specifications	Base Curve	5.00mm ~ 9.00mm (0.05mm step)
	Power	+25.00D ~ -25.00D (0.25D step)
	Diameter	7.5mm ~ 10.0mm (0.1mm step)
Regular stock	Base Curve	7.20mm ~ 8.40mm(0.10mm step)
	Power	-0.50D ~ -10.00D (0.25D step)
	Diameter	9.2mm

SEED

「見える」をサポートします

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