

PERIT RGP LENSES

**Exceptional Stability.
Effortless Comfort.
Precision Fit.**

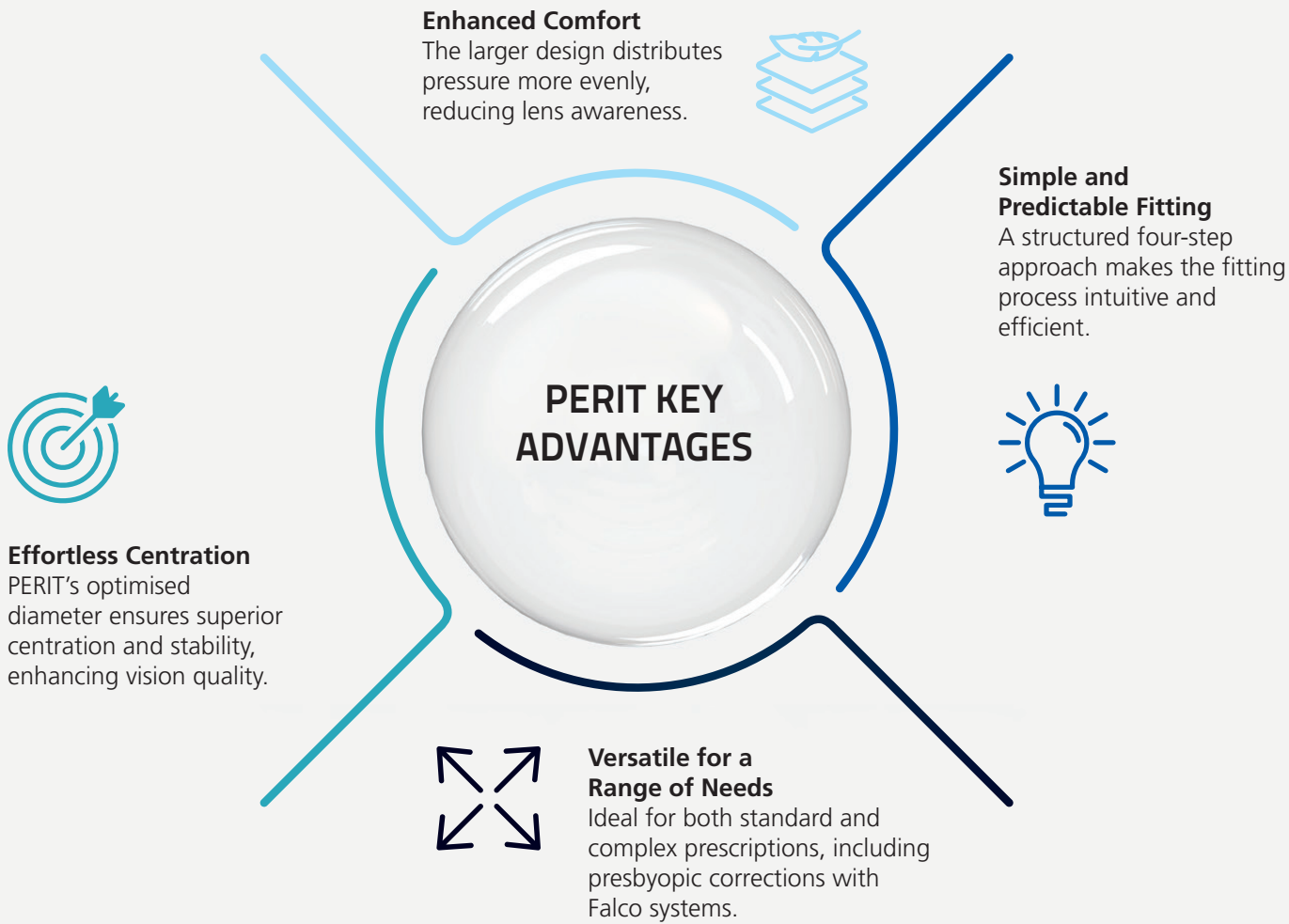


PERIT
THE NEXT
GENERATION
OF RGP LENSES

falco

PERIT: DESIGNED FOR PRECISION AND COMFORT

PERIT is an advanced intra-limbal RGP lens that offers a superior balance of stability, comfort, and vision correction. With PERIT, fitting a custom RGP lens has never been easier.



Enjoy pure Stability, Comfort & Precision

SAMPLE ORDER

How to specify your PERIT lens order

Refraction
Sph -5.00 dpt / Cyl -2.00 dpt @ 180° / VD 0.0 mm

Cornea
flat central radius 8.20 mm @ 180° / steep central radius 7.80 mm / flat eccentricity 0.6 / HVID 12.00 mm

Order
PERIT 2 / BC 8.20 mm / nE 0.6 / DIA 11.00 mm / Sph -5.00 dpt

FOUR SIMPLE STEPS TO PRECISION VISION

Fitting PERIT is straightforward and efficient, following these 4 simple steps:

STEP 1

Measure Central Corneal Radii Difference and Astigmatism

Use corneal topography to determine the central corneal radii (both flat and steep central meridians) or the astigmatism value (in dioptres).

Central corneal radii difference

Subtract the steep central meridian value from the flat central meridian value.

Example

8.20 mm (flat) – 7.80 mm (steep) = 0.40 mm

Alternatively, use the **astigmatism value** directly from topography.

STEP 2

Select the Design

Refer to the provided table to choose the appropriate PERIT design based on either the central **corneal radii difference** (mm) or **astigmatism value** (dpt) from Step 1.

Corneal Astigmatism		0.00 dpt	0.50 dpt	1.00 dpt	1.50 dpt	2.00 dpt	2.50 dpt	3.00 dpt	3.50 dpt	4.00 dpt
Central Corneal Radii Difference	0.0 mm	PERIT 0								
	0.1 mm									
	0.2 mm									
	0.3 mm									
	0.4 mm				PERIT 2					
	0.5 mm					PERIT 4				
	0.6 mm						PERIT 6			
	0.7 mm							PERIT 7		
	0.8 mm								PERIT 8	

Approximation 0.1 mm $\hat{=}$ 0.50 dpt

STEP 3

Base Curve and Eccentricity Selection

Choose your PERIT base curve (BC) by matching the radius of the flat central corneal meridian. Example: If the flat central meridian radius is **8.20 mm**, the base curve should also be **8.20 mm**

Then, select a lens eccentricity (nE) that matches the corneal eccentricity of the flat meridian, as measured by corneal topography.

If no specific corneal eccentricity is available, a standard eccentricity of **0.6** will be used.

STEP 4

Determine the Diameter

Measure the horizontal visible iris diameter (HVID) and subtract 1 mm: **HVID – 1 mm = Final Lens Diameter**

That's it! A precise, custom RGP fit made simple. Plus, PERIT seamlessly integrates with all Falco presbyopic systems.

REAL RESULTS. REAL COMFORT. REAL CLARITY.

SARAH



A Soft Lens Wearer Looking for Stability

After struggling with fluctuating vision in soft lenses, Sarah switched to PERIT. With its superior centration and stability, she now enjoys sharper, more consistent vision all day long.

MARK



A Practitioner's First Choice for Presbyopia

Mark wanted a presbyopic solution that provided sharp vision both at his desk and on the move. With PERIT's seamless integration into Falco's presbyopic systems, he now enjoys crisp, reliable vision – whether working on a screen or exploring the outdoors.

TIM



Overcoming High Astigmatism

Tim struggled to find a comfortable lens for his high astigmatism. Preferring an easy-to-handle solution, he found the perfect fit with the PERIT lens, offering both superior comfort and unmatched visual clarity.

PERIT – CUSTOM RGP, SIMPLIFIED.

