

MONTHLY REPLACEMENT

EDOF INDIVIDUALLY CRAFTED

SILICONE HYDROGEL



EDOF is an individually crafted monthly contact lens specifically designed for Presbyopia. It is powered by the Brien Holden Vision Institute's patented Extended Depth of Focus technology, which provides clear vision at all distances. This supports a comfortable adjustment to the lens, enhancing the overall wearing experience. Its silicone hydrogel material combines high water content and low coefficient of friction to improve comfort throughout the day, whilst its wide range of parameters and low elastic modulus ensure a precise fit and easy handling.

 **EXTENDED DEPTH OF FOCUS**

PARAMETERS		OPTICAL DESIGN
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BASE CURVES (mm)	7.10 to 9.80 (0.30)
DIAMETERS (mm)	13.50 to 15.50 (0.50)
SPHERES (D)	-18.00 to +18.00 (0.25)
ADDITIONS	0.75 1.50 2.25

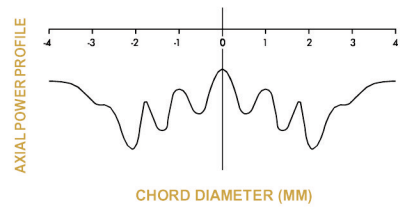
MATERIAL	
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TYPE	SILICONE-HYDROGEL (75% H ₂ O)
WATER CONTENT	75%
CENTRAL THICKNESS (-3.00 dpt)	0.08
DK (ISO9913-1-1998)	60
DK/T (-3.00 D)	75
HANDLING TINT	NO
MODULUS	0.29
PACK SIZE	6 Lenses
MANUFACTURING PROCESS	LATHED
CoF	0.09

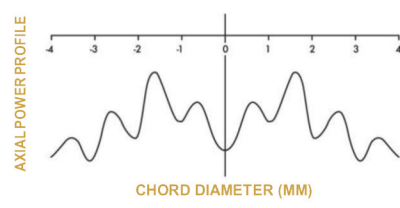


Need fitting advice?
Check our fitting guide in page 20 of this catalogue

POWER PROFILE FOR 0.75 & 2.25 ADDITIONS



POWER PROFILE FOR 1.50 ADDITION



Inspire your eyes
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CAPRICORNIA
CONTACT LENS

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STEP-BY-STEP FITTING GUIDE FOR PRESBYOPIA LENS

1. BEFORE FITTING

- Collect the patients' biometric data: HVID, K-readings and eccentricity.
- Perform refraction and spectacle add: maximum plus for distance and minimum plus for near.
- Determine eye dominance through the +1.50D blur test while the patient is wearing best corrected distance Rx. If the patient is unresponsive to this test, try the triangle or pointing method.
- Determine eye dominance through the -1.50D blur test while the patient is wearing best corrected near Rx. If the patient is unresponsive to this test, try the triangle or pointing method.

2. CHOOSING THE CONTACT LENS

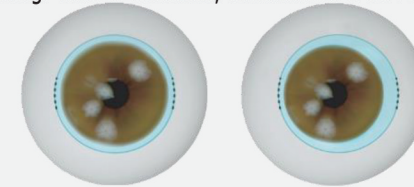
- Calculate the lens diameter: HVID + 3.00mm.
- For the most precise fit, please supply biometric data to Capricornia. For a normal eye (0.45 eccentricity) you can use the table at the bottom of the page.
- Calculate the lens power (performing the vertex distance compensation if needed).
- Calculate the lens addition based on this table:



Specs Add	≤ 1.25D	1.50 & 1.75D	≥ 2.00D
Dominant Eye	EDOF 0.75	EDOF 1.50	EDOF 2.25
Non-dominant Eye	EDOF 0.75	EDOF 1.50	EDOF 1.50

3. EVALUATION

- Let the lenses settle for 20 minutes.
- Evaluate physical fitting: check if diameter, centration and movement are correct.



- Check monocular and binocular VA for both distances: ideally there will not be more than one line difference between the eyes.
- With both eyes opened, perform over-refraction only for the distance which needs to be improved and changing as little as possible to the prescription to achieve satisfactory results.

Improve Distance	Improve Near
Try -0.25 in the dominant eye	Try +0.25 in the non-dominant eye
Try -0.50 in the dominant eye	Try +0.50 in the non-dominant eye
Try -0.25 in both eyes	Try +0.25 in both eyes
Try -0.50 in both eyes	Try +0.50 in both eyes
Lower the addition*	Raise the addition*

*Addition modification should be performed only when the over-refraction is higher than $\pm 0.50D$ or the spherical changes are not tolerated on the opposite distance.

- Do not forget to check VA on the opposite distance.

The following table is the fitting rule for a normal eye (0.45 eccentricity). For a more precise fit, please use our online fitting calculator.

AVERAGE K-READING

		7.10	7.15	7.20	7.25	7.30	7.35	7.40	7.45	7.50	7.55	7.60	7.65	7.70	7.75	7.80	7.85	7.90	7.95	8.00	8.05	8.10	8.15	8.20	8.25	8.30	8.35	8.40	8.45
HVID → ØCL	10.50	13.50	7.40	7.40	7.40	7.40	7.40	7.70	7.70	7.70	7.70	7.70	7.70	7.70	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.30	8.30	8.30	8.30	8.30	8.30	8.30
	11.00	14.00	7.40	7.70	7.70	7.70	7.70	7.70	7.70	7.70	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.60	8.60	8.60	8.60	8.60
	11.50	14.50	7.70	7.70	7.70	7.70	7.70	8.00	8.00	8.00	8.00	8.00	8.00	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.90
	12.00	15.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.90	8.90	8.90	8.90	8.90	8.90
	12.50	15.50	8.00	8.00	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.60	8.60	8.60	8.60	8.60	8.60	8.90	8.90	8.90	8.90	8.90	8.90	8.90	9.20	9.20	9.20	9.20