

Organic lens 1.60 High index

Index of refraction	1.60	Treatments:	HC (included in the price)
Abbe value	42		MC
Density (g/cm ³)	1.3		Tinting (max 60%)
UVB protection	100%		Satin Coat Plus
UVA protection	100%		
Filter category	0		
Use on the road during the day	Yes		
Use on the road during the night	Yes		

Rx Lab High index 1.60 HC Spheric	Power range (sph. + cyl. added)			Diameter (mm)		
	Min	Max	Max. Cyl.	50-65	66-70	71-75
	-13.00	+10.50	5.50			
	-13.00	+11.00	5.50			
	-7.00	+7.00	5.50			

Rx Lab High index 1.60 HC Aspheric	Power range (sph. + cyl. added)			Diameter (mm)	
	Min	Max	Max. Cyl.	50-70	71-75
	-8.00	+10.00	5.50		
	-6.00	+8.00	4.00		

STOCK	Sph.			
	Group	65mm		70mm
		HCUV400	AHMCUV400	HCUV400 HMCUV400
	From -10.00 to -8.00			
	From -8.00 to -2.00			
	From -2.00 to 0.00			
	From +0.25 to +2.00			
	From +2.25 to +6.00			

STOCK	Cyl.			
	Group	65mm ^{*1)}		70mm ^{*2)}
		HCUV400	AHMCUV400	HCUV400 HMCUV400
	2/2	^{*7)}		^{*6)}
	4/2			
	6/2	^{*3)}	^{*3)}	
	8/2			^{*4)}
	2/4			^{*5)}
	4/4			
	6/4			^{*4)*5)}

NOTE:

*1) Only positive power

*2) Only negative power

*3) To +6.00 added

*4) To -8.00 added

*5) Max cyl. 3.00

*6) Sph -2.00 and up

*7) Sph +2.00 with cyl. to +2.00

- Very light and slim lenses, particularly suitable for high power.
- Aspheric design gives additional reduction of lens thickness, as well as enhancement of picture quality with high diopters.
- Due to their good mechanical properties, it is recommended to fit them into rimless frames.
- Protection layer against scratching (HC) is necessary and it is included in the price. Also it is recommended to apply antireflection multicoating or satin coat plus (MC/SCP), i.e. hard multicoating (HMC) for enhancement of picture quality. Hard multicoat is included in price for stock lenses.



RECOMMENDATION:

Follow the instructions for fitting of high index organic lenses, page no.87

Lenses meet the requirements of standards ISO 14889:2003; ISO 9890-1:2004; ISO 9890-2:2004; ISO 9890-3:2003; ISO 9890-4:2000. The production is in compliance with the requirements of the production of medical I class device pursuant to Directive of European Union 93/42 CEE.

