

## Bausch + Lomb is the recognised world leader in the research, development and supply of gas permeable contact lenses.

Since Silicone Acrylate materials were first introduced under the BOSTON® brand, Bausch + Lomb has improved the oxygen permeability, durability, wetting and comfort characteristics. The BOSTON® Fluoro Silicone Acrylate ranges utilise a patented AERCOR™ architecture with the latest hyperDk material, X02, being approved by the FDA in 2007.

**Made-to-order prescription lenses** are manufactured immediately in the Hastings laboratory and are despatched by the next working day!

The new website [www.bauschgp.com](http://www.bauschgp.com) has been designed to allow you to choose a lens in a few quick and easy steps. Either by specifying the lens parameters you require or simply by giving the spectacle Rx and K readings for your patient.

**For technical queries, call our dedicated RGP support team: 0870 850 7921**



## Features

## Benefits

- **Lenses are made to order and will be shipped the next working day.**
- **Wide choice of fitting parameters.**
- **Large selection of materials.**
- **Straight forward correction of astigmatism.**
- **Choice of lens designs for the presbyope.**
- **Shipped in wet or dry format.**
- Choose the best design for visual correction.
- The lenses are not available over the internet, ensuring patient retention.
- Bausch + Lomb offer a 90 day guaranteed fit warranty exchange programme.
- The lenses are manufactured to fit the patient's cornea, with choice of BOZR from 5.20 to 9.80.
- Modern designs will fit first time if correct K readings, spectacle prescription, back vertex distance, HVID and palpebral aperture are given.
- Lenses can be manufactured in well proven Silicone Acrylate, Fluoro Silicone Acrylate and the latest Aercor™ Fluoro Silicone Acrylate materials.
- Enables choice of lens performance to best match the patients' corneal physiology.
- RGP designs utilise the tear film to correct corneal toricity. A spherical RGP can be used to correct slight corneal astigmatism, which is not possible with a soft contact lens.
- A full range of lens designs are available to correct all degrees of astigmatism.
- Full range of multi-focal lenses available for the correction of presbyopia.
- Lenses can be shipped pre-soaked in BOSTON® Advance Comfort Formula Conditioning Solution or dry for longer storage.

## Technical

	Lens name	Material*	Dk**	Tc	Td	BOZR	Powers	Design	Tint
<b>Designs</b> <ul style="list-style-type: none"> <li>• <b>Spherical</b> Maxim, Maxim Ultra, Quantum, Multicurve C3, Multicurve C4, ZL9.</li> <li>• <b>Presbyopic</b> Maxim Varifocal, Quantum Presbyopic, Concentric BiFocals.</li> <li>• <b>Toric &amp; Speciality</b> Back Surface Toric, Front Surface Toric, Presbyopic Toric, Toric Periphery, Keratoconus, Other custom made lenses.</li> </ul> <b>Materials</b> BOSTON X02, BOSTON XO, BOSTON QII, ML210, BOSTON EO, BOSTON EQUALENS, BOSTON QI, ML92, BOSTON ES, BOSTON IV, BOSTON II	Maxim, Maxim Ultra	Available in 9 materials <sup>4</sup>	-	0.19 (Av.)	9.3, 9.8	7.00 to 9.00 (0.05)	+16.00 to -11.00 (0.25)	Sphere Sphere/Aspheric	Blue
	Maxim Varifocal	ML92 <sup>1</sup> ML210 <sup>2</sup>	33 97	0.19 (Av.)	9.3, 9.8	7.00 to 9.00 (0.05)	+16.00 to -11.00 (0.25) Add up to +3.50	FS CD Aspheric BS Sphere/Aspheric	Blue
	Maxim Toric	Available in 9 materials <sup>4</sup>	-	0.19	9.3, 9.8	7.00 to 9.00 (0.05)	+16.00 to -11.00 (0.25)	To Patient Rx	Blue
	Quantum 1	ML92 <sup>1</sup>	33	0.17	9.0, 9.6, 10.2	7.20 to 8.40 (0.05)	+25.00 to -25.00 (0.25)	Aspheric	Blue
	Quantum 1 Presbyopic	ML92 <sup>1</sup>	33	0.17	9.0, 9.6, 10.2	7.00 to 8.40 (0.05)	+25.00 to -25.00 (0.25) Add up to +3.50	Aspheric	Blue
	Quantum 2	ML210 <sup>2</sup>	97	0.17	9.0, 9.6, 10.2	7.20 to 8.40 (0.05)	+25.00 to -25.00 (0.25)	Aspheric	Blue
	Quantum 2 Presbyopic	ML210 <sup>2</sup>	97	0.17	9.0, 9.6, 10.2	7.00 to 8.40 (0.05)	+25.00 to -25.00 (0.25) Add up to +3.50	Aspheric	Blue
	Quantum 141	X02 <sup>3</sup>	141	0.17	9.0, 9.6, 10.2	7.20 to 8.40 (0.05)	+25.00 to -25.00 (0.25)	Aspheric	Blue/ Green
	Quantum 141 Presbyopic	X02 <sup>3</sup>	141	0.17	9.0, 9.6, 10.2	7.20 to 8.40 (0.05)	+25.00 to -25.00 (0.25), Add up to +3.50	Aspheric	Blue/ Green
	Maxim 141, Maxim Ultra 141, Maxim Varifocal 141	X02 <sup>3</sup>	141	0.19 (Av.)	9.3, 9.8	7.00 to 9.00 (0.05)	+16.00 to -11.00 (0.25), Add up to +3.50	Sphere BS Sphere/Aspheric FS CD Aspheric	Blue/ Green
	Maxim Toric 141	X02 <sup>3</sup>	141	0.19	9.3, 9.8	7.00 to 9.00 (0.05)	+16.00 to -11.00 (0.25)	To Patient Rx	Blue/ Green

\* Classified EN ISO 11539:1999

\*\* Classified EN ISO 9913-1 measured (cm<sup>2</sup>/s) [ml O<sub>2</sub>/(ml.Pa)]

1 Q1 = Siflufocan A III 2

2 Q2 = Hexafocon A III 4

3 X02 = Hexafocon B III 4

4 Other materials and Dk available on request

## Materials

## Information

## Design (see below)

BOSTON X02	Hyper DK Flourosilicone Acrylate.	Outstanding oxygen permeability without compromising wettability, stability, or comfort. Excellent deposit resistance.	Maxim 141 range, Quantum 141 range.
BOSTON XO	Super DK Flourosilicone Acrylate.	High oxygen delivery. Stability equalling that of lower Dk materials.	All designs.
QUANTUM II (ML210)	Super DK Flourosilicone Acrylate.	High oxygen delivery. Good protein resistance.	Quantum.
BOSTON EO	High DK Flourosilicone Acrylate. Aercor™ design.	Excellent wetting/deposit resistance.	All designs.
BOSTON EQUALENS	High DK Flourosilicone Acrylate.	Fluorinated polymer for improved oxygen delivery. Contains UV absorber.	All designs.
QUANTUM I (ML92)	Mid DK Flourosilicone Acrylate.	Medium oxygen delivery. Good protein resistance. Our most used material.	Quantum
BOSTON ES	Low-mid DK Flourosilicone Acrylate. Aercor™ design.	Exceptional durability and modulus. Exceptional wetting and deposit resistance.	All designs.
BOSTON IV	Low-mid DK Silicone Acrylate.	Good lipid resistance.	All designs.
BOSTON II	Low OK Silicone Acrylate.	Good lipid resistance.	All designs.

## Designs

### Spherical

Maxim	Maxim offers a high level of patient success due to a number of unique design characteristics. Its constant average thickness and tear layer profile guarantees ease of fit and high first lens success rate.
Maxim ultra	An innovative design upgrade of Bausch + Lomb's highly successful Maxim RGP lens. Utilising the most advanced computer controlled manufacturing technology, Aspheric periphery.
Quantum	An excellent combination of visual performance and corneal health. This best selling RGP lens combines the visual acuity of a spherical optic zone with an aspheric periphery that allows a more comfortable fit. The materials used, minimise deposition and provide excellent oxygen transmissibility.
Custom Designs	Multicurve C3, Multicurve C4, ZL59 etc.

### Presbyopic

Maxim Varifocal	The practical solution for presbyopes. Building on the success of the Maxim Range, the Maxim Varifocal with a bi-aspheric design, enables all existing wearers of Maxim and Maxim Ultra to be seamlessly corrected when they become presbyopic.
Quantum Presbyopic	Based on the Quantum back surface design a centre distance concentric bifocal with nominal 3.5 mm segment diameter is available.
Concentric BiFocals	Concentric bifocals can be produced on any back surface design in centre distance or centre near form.

### Toric Speciality

Maxim Toric	The Maxim Toric Fitting Service removes all the perceived complications of Toric rigid lens fitting, lenses are fitted on alignment to K in 9.30 or 9.80 diameters and lenses are automatically made Bi-Toric if necessary.
Back Surface Toric	Other back surface toric to practitioners own dimensions are available.
Front Surface Toric	The spherical back surface design of your choice incorporating cylinder on the front surface stabilised by 1.5 prism ballast.
Toric Periphery	Spherical base curve with toric peripheral curves for stabilisation.
Keratoconus	Keratoconus fitting support service.
Bespoke	Practitioners choice of BCOR, peripheral curves, diameters and reading additions or modifications to standard designs.
Ortho-K	Customised Ortho-K service.

For more information on our RGP range please visit [www.bauschgp.com](http://www.bauschgp.com) or phone our dedicated RGP support team on 0870 850 7921

