

PRESTO LENSES

The tri-curve front surface **PRESTO** lens has proven very popular since its introduction because of its reduced thickness profile which allows greater oxygen transmission and ease of fitting without sacrificing durability and good handling capabilities. It is manufactured from **non-ionic Igel 58** material which is made in **UltraVision's** own laboratories in Leighton Buzzard enabling greater control over the parameters and characteristics of the finished lens. All **PRESTO** lenses include a **UV inhibitor**.

The increased oxygen transmission of the **PRESTO** lens resulting from its design and higher Dk figure makes it suitable for patients with higher oxygen demand or longer daily use.

The **PRESTO** lens range comprises the mid water area of UltraVision's "stock lens" range of lathe cut lenses, of which a large stock of the standard parameters and powers is maintained to virtually ensure the ability to fulfil all orders immediately.

LENS SPECIFICATIONS

Diameter	14.5mm
BOZR	8.4 & 8.8mm
FOZD (-3.00D)	8.86mm
Centre thick. (-3.00D)	0.11mm
Power range	Plano to $\pm 10.00D$ in 0.25D steps ± 10.50 to $\pm 20.00D$ in 0.50D steps

MATERIAL SPECIFICATIONS

Material	Terpolymer of N-Vinyl Pyrrolidone
Water content	58%
O ² permeability 21°C Fatt Units	13×10^{-11}
O ² permeability 35°C Fatt Units	21×10^{-11}
Linear expansion	1.35 (nominal)
Radial expansion	1.35 (nominal)
Refractive index	1.41 hydrated

Cleaning & Disinfecting

UltraVision PRESTO lenses are compatible with all current chemical and oxidative systems. Care should be taken in the application of the manufacturers' minimum recommended exposure time to chemical systems where lenses have been tinted.

Indicated Fitting Table

The following guide should be used to select the initial fitting **PRESTO** lens.

Mean K < 8.00mm BOZR 8.4mm Mean K > 8.00mm BOZR 8.8mm

Hi-tints

PRESTO lenses are also available (to prescription) in **Hi-tint** form with enhancing transparent colours. A trial set of five low power **UltraVision PRESTO** lenses of mixed BOZR's and colours is available for diagnostic and demonstration purposes. This trial set has iris diameters of 11.5mm and pupil diameters of 4.0mm. **Note:** Due to the difference in tint take-up between materials, all colours will vary slightly between materials.

Tint range

Aqua, Smokey Brown, Emerald,
Sapphire Blue and Violet.

Densities

5% or 10%

Iris diameters

10.0mm to 12.5mm in 0.50mm steps

Pupil diameters

2.0mm and 3.0mm to 6.0mm
in 0.5mm steps

Configuration

Design C or B (see tinting section)