

# EVOLUTION 125\* material: your new generation of RGP lenses

\*also available in Dks of 25, 65 and 100

## ✓ Superior comfort and stability

Regenerative hydrophilic surface that permanently binds water above the lens

## ✓ Improved manufacturing speeds

Built-in wettability characteristics to skip surface post treatment



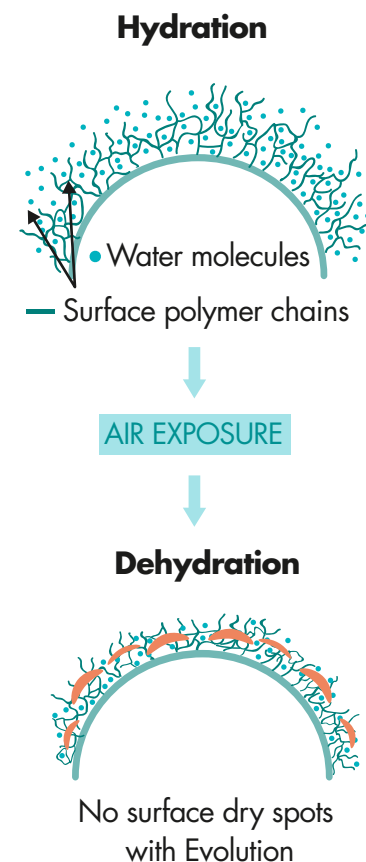
## Why do competitors' materials require surface post treatment?

- Plasma treatment increases surface oxygenation and hence wettability
- But... Due to molecular reorganisation the surface oxygenation degrades over time
- Plasma treated lenses lose their wettability within the lifetime of normal wear
- Post treatment with hydrophilic polymers also becomes ineffective over normal wearing time

## Why do Vista materials not require surface post treatment?

- Vista's Evolution RGP incorporates an inbuilt copolymerised hydrophilic polymer
- The hydrophilic polymer binds water above the surface of the lens
- The inbuilt hydrophilic surface is permanent
- In the event of re-polishing, the hydrophilic surface regenerates automatically
- Evolution RGP automatically generates a hydrophilic surface even with the highest of Dk values

[www.vista-optics.com](http://www.vista-optics.com)



## Product Information

Cytotoxicity	Non Toxic
Refractive Index	1.4711 +/- 0.004
Hardness	75
Oxygen Permeability (ISO)	125
Wetting Angle	<10°
Tints	Blue / Green / Grey
UV Blocker	Available on Request
Cutting Speed	7000-9000 RPM
Polishing Speed	3500 RPM
Standard Diameter	12.70 +/-0.05
Standard Thickness	5.00 +/-0.05
Special Specifications ( Scleral )	Available on Request
Shelf Life	<b>5 years</b>

12.7 mm

16.5 mm

18.5 mm

21 mm

24 mm