

# Custom made Silicone Hydrogel contact lenses from Capricornia

## Benefits:

### Moisture retention:

The 74% water content provides a moist environment for the eye. More importantly, moisture retention (>98%) ensures stability of optics, oxygen permeability (Dk/t) and lens parameters throughout the day giving the wearer consistent fit, comfort and visual acuity.

These benefits are particularly useful in dry or air conditioned environments.

### Surface Treatment Not Required:

Deterioration of surface is often seen with plasma treated lenses. Definitive™ material ensures surface characteristics and wettability remains unchanged throughout, maintaining comfort levels.

Rubbing techniques for lens cleaning can be used as this has no effect upon the untreated surface unlike some plasma treated lenses; rubbing is still recognized as the best option for cleaning soft lenses.

## Definitive™ Material Specifications:

- Dk 60 (cm<sup>2</sup>/s) [ml O<sub>2</sub>/(ml x mmHg)]
- Modulus 0.27 Mpa
- Water content 74%
- Non-ionic – does not attract proteins

## Wettability:

- A naturally wettable material
- No surface treatment necessary
- Has been described as a “slippery” surface lengthening wearing times and enhancing comfort.

## Availability:

Capricornia soft lens designs are available in Definitive™ including Spherical, Multi-focal and NuToric, giving wearers improved ocular health, comfort and lengthened wearing times.

Capricornia designed Kerasoft lenses for the treatment of Keratoconus are by nature somewhat thicker. Definitive™ is the ideal material in this instance due to its superior DK when compared with conventional materials.



**CAPRICORNIA  
CONTACT LENS**

+61 (0)7 3208 8500

[www.capricorniacontactlens.com.au](http://www.capricorniacontactlens.com.au)

Toll Free

Australia: 1300 650 994

New Zealand: 0800 777 118

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