

TECHNICAL DATA



Special Attributes

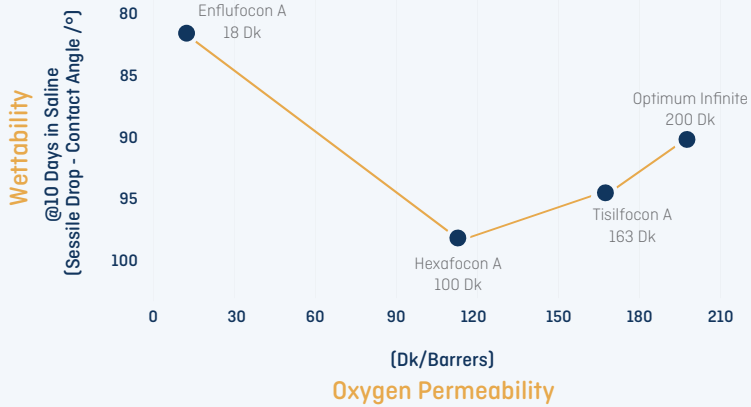
Introducing Optimum Infinite, a gas permeable (GP) material with the highest combination of oxygen permeability and flexural modulus on the market. Independent testing showed Optimum Infinite as having an oxygen permeability value of 200.4Dk, while in-house tests determined a high flexural modulus of 1341MPa, defying the high-Dk-low-flexural modulus convention. This breakthrough was motivated by the requirements raised for a dedicated scleral material at several laboratory panel and Key Opinion Leader meetings. Optimum Infinite is FDA cleared for a full range of indications and its excellent surface wettability can be further enhanced through the use of Tangible Hydra-PEG coating.

Material Characteristics

PROPERTY	OPTIMUM INFINITE
USAN	Tisilfocon A
Oxygen Permeability [ISO at 35°C barrers]	200.4
Visible Light Transmission [Blue UV - 0.27mm Flat Disc]	>91 %
Wettability @ 10 Days In Saline	See Reverse
Flexural Modulus	See Reverse
Refractive Index [Dry - 20°C]	1.438
Shore D Hardness	80.7
Specific Gravity	1.20
Handling Tints	Blue, Ice Blue, Clear
UV Blocker [Class II]	Included
Diameter [Corneal]	12.70mm
Thickness [Corneal]	4.35mm
Large Diameter	Available On Request

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Wettability - GP Materials



Flexural Modulus - GP Materials

