

TECHNICAL DATA

OPTIMUM INFINITE

Special Attributes

Introducing Optimum Infinite, a gas permeable (GP) material with a unique combination of oxygen permeability and flexural modulus. Optimum Infinite has a hyper oxygen permeability value of 180Dk and 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)	180
Flexural Modulus (MPa)	1341 MPa
Refractive Index	1.438
Shore D Hardness	81
Specific Gravity	1.20
Handling Tints	Blue, Ice Blue, Clear
UV Blocker (Class II)	Included
Diameter	12.70 mm
Thickness	4.35 mm
Large Diameter	Available On Request

The values quoted on this data sheet are indicative of the typical values that can be obtained for the material. For the complete specification, please contact Contamac at +44 (0)1799 514800 or sales@contamac.co.uk. Unauthorised copy or reproduction of the above information is strictly prohibited without the prior consent of Contamac Ltd.

Version: 2 - 210408

Contamac Ltd
Carlton House, Shire Hill
Saffron Walden, Essex
CB11 3AU

T. +44 (0)1799 514800
E. sales@contamac.co.uk
www.contamac.com