



OPTIMUM Classic / Comfort / Extra / Extreme

The Optimum range of premium GP materials offer the lowest wetting angles in the industry, outstanding oxygen permeability and high stability, to achieve one goal - on eye comfort. Optimum is FDA approved for a full range of indications such as myopia, hyperopia, astigmatism and aphakia. The balanced properties of Optimum make this material ideally suited for a range of lens designs such as toric, multifocal, keratoconus or corneas with a high oxygen demand.



Property	Classic	Comfort	Extra	Extreme
Classification	Focon III 2	Focon III 3	Focon III 4	Focon III 4
FDA Approved	Yes	Yes	Yes	Yes
USAN	Roflufocon A	Roflufocon C	Roflufocon D	Roflufocon E
Recending contact angle (DCA)	12	6	3	6
Light Transmission	> 97 %	> 96 %	> 97 %	> 94 %
Permeability (ISO) x10 ⁻¹¹ (CM ² /sec) (mLO ₂)/(ml x mmHg)	26	65	100	125
Refractive Index	1.450	1.437	1.431	1.432
Shore D hardness	83	79	75	77
Specific Gravity	1.19	1.17	1.16	1.15
Handling tints	Blue	Blue / Green / Grey	Blue / Green / Grey	Blue
UV blocker	On request	On request	On request	On request

