

HYBRID FS

Special Attributes:

Hybrid FS is a radical new development in Rigid Gas Permeable contact lens materials. The unique "Fluid Surface" (FS) technology employed in Hybrid FS ensures that any available moisture is bound on to the material surface. This ensures a smooth, completely hydrated and above all comfortable surface to the lens every time. Requires no post manufacture treatments, no activation, rinses or dips and only minimal polishing. Hybrid FS allows the creation of a truly hydrophilic lens surface ... but in a GP material.

Material Characteristics:

Property	Hybrid FS	Hybrid FS Plus
Classification	Focon III 2	Focon III 3
USAN	Hybufocon A	
Light Transmission	>96%	>96%
Permeability (ISO) $\times 10^{-11}(\text{cm}^2/\text{sec})$ (mLO_2)/($\text{ml} \times \text{mmHg}$)	31	60
Refractive Index	1.446	1.446
Shore D hardness	79	79
Wetting angle (captive bubble)	Immeasurable	Immeasurable
Specific Gravity	1.176	1.157
Handling tints	Blue, Green, Grey	Blue, Green, Grey
Diameter	12.70mm	12.70mm
Thickness	5.00mm	5.00mm
Polishing compound	Contapol 3	Contapol 3
Blocking wax	Low melt	Low melt
Cutting speed CNC	6,500 – 9,000 RPM	6,500 – 9,000 RPM
Cutting speed Air bearing spindle	7,000 - 10,000 RPM	7,000 - 10,000 RPM
Polishing speed	3,000 RPM	3,000 RPM

Please note: These are typical values. Always check the certificate of compliance supplied with the goods for the actual values of the batch.



Manufacturing Consumables:

- Contapol 3 Polishing Compound
- Black Low Melt Wax
- C-18c Beige Microfibre Polishing Cloth
- C-18d Polishing Silk
- Contasolve De-Blocking Solvent

Accessories:

- GP151 Double Opticase Blue/White
- GP Double Mailers
- GP152 Tamper Evident Vial
- Rubber Suckers

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