



STARSOFT Definitive 74 UV

Definitive is a range of silicone hydrogel materials developed specifically to be lathe cut by manufacturers of specialty soft contact lenses. The oxygen permeabilities of the Definitive range of materials are the highest available to manufacturers of lathe cut hydrogel materials and is achieved with an exclusive blend of fluorosilicone and hydrophilic monomers. Their Dks are significantly higher than conventional hydrogels and therefore provide improved corneal health. The polymer compositions have been optimised to ensure that the Definitive materials can be machined in the same manner as any other hydrogel material. They have similar moduli to comparative water content hydrogel materials and so do not suffer from the mechanical complications associated with other silicone hydrogels. Lenses of excellent optical performance and outstanding on-eye comfort can be produced using the Definitive range of materials. The variety of properties contained within the Definitive range of products make Definitive materials suitable for producing the widest range of lens designs.

Technical information

Material Characteristics:

Material	Defenitiv 74 SiH	Ionic or Non-Ionic	Non-Ionic
Water content	74 %	Elongation to break	180 %
UV blocker	Yes	Usage time	6 months
Handling Tint	Blue	Material belonging according to the FDA	II
DK	60x10 ¹¹	Manufacturing	Lathing
Light transmission	> 99 %	CE	Approved

