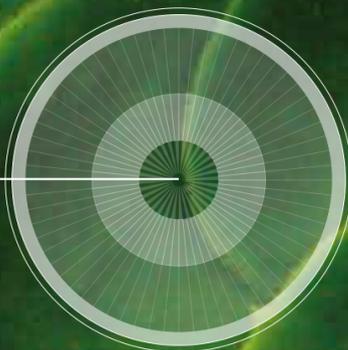




MicroLens has tested and selected 4 contact lens materials from which you can choose to guaranty the patient the optimum results in safe and comfortable wearing of GP lenses.



Tradename HP
 Material Pmma-silicon copolymer
 Dk 15
 Wetting angle 23°
 Hardness D87 shore
 Refractive index 1.480
 UV blocker no
 Handling tint light green

Tradename FM
 Material Roflufocon D (Fluoro-silicon acryl)
 Dk 95
 Wetting angle < 25°
 Hardness D78 shore
 Refractive index 1.460
 UV blocker no
 Handling tint light blue

Tradename XO
 Material Hexafocon A (Fluoro-silicon acryl)
 Dk 100
 Wetting angle 49° (captive Bubble)
 Hardness D81 shore
 Refractive index 1.415
 UV blocker yes
 Handling tint light blue

Tradename SiH
 Material OnsiFocon A (Silicon hydrogel)
 Dk 56
 Wetting angle 7.2
 Hardness D85 shore
 Refractive index 1.452
 UV blocker yes
 Handling tint blue

Characteristic
 Traditional oxygen permeable material with the highest stability and good surface properties. The life span of the contact lens is 3 – 4 years.

Field of application
 For the standard fitting, on eyes where there is no special demand for oxygen permeability. On eyes with average tear secretion and blinking frequency.

Characteristic
 GP material with an excellent balance between stability of the material and surface characteristics with excellent oxygen permeability. The life span of the contact lens is 2 – 3 years.

Field of application
 For applications on eyes with normal tear secretion and blinking frequency.

Characteristic
 Premium contact lens material with high oxygen permeability. The life span of the contact lens is 2 years.

Field of application
 Next to the application of daily wear also suitable for flexible and extended wear.

Characteristic
 The newest generation copolymer of silicone polymers and hydrophilic monomers. The surface of the contact lens behaves like a hydrophilic contact lens.

Field of application
 First choice contact lens material by the combination of good oxygen permeability and superior wetting ability of the contact lens surface.

Life span ● ● ● ●

Wetting ● ● ●

Oxygen permeability ●

HP

1

Life span ● ● ● ●

Wetting ● ● ● ●

Oxygen permeability ● ● ● ● ●

FM

2

Life span ● ●

Wetting ● ●

Oxygen permeability ● ● ● ● ●

Boston XO

3

Life span ● ●

Wetting ● ● ● ● ● ●

Oxygen permeability ● ● ● ●

SiH

4

