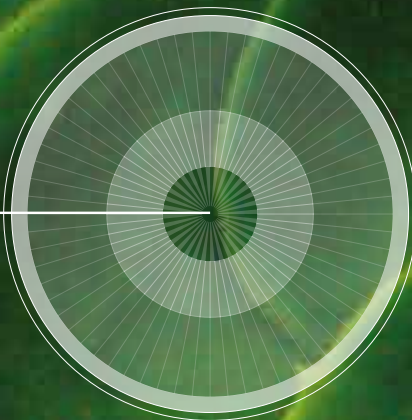




MicroLens has tested and selected 4 contact lens materials from which you can choose to guaranty the patient the optimum results in safe and comfortable wearing of GP lenses.



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 ●

Life span ● ● ● ●

Wetting ● ● ●

Oxygen permeability ● ● ● ●

Life span ● ●

Wetting ● ●

Oxygen permeability ● ● ● ●

Life span ● ●

Wetting ● ● ● ● ●

Oxygen permeability ● ● ● ●

HP

1

FM

2

Boston XO

3

SiH

4

