

	Definitive (silicone 74)	Igel 77	CTF 67	GM3 58	Igel 58	GM3 49
DK Fatt ISO 9913-1	60*/44**	39*/29**	30*/22**	25*/19**	21*/16**	16*/12**
Material type	Silicone Hydrogel	Hydrogel	Hydrogel	Hydrogel	Hydrogel	Hydrogel
Manufacturer	Contamac	Contamac	Contamac	Contamac	Contamac	Contamac
Classification	Filcon V3	Filcon II3	Filcon II2	Filcon II1 (Acofilcon A)	Filcon II1	Filcon I1 (Acofilcon B)
Water content	74%	77%	67%	58%	58%	49%
Refractive index	1.37	1.37	1.39	1.41	1.4	1.42
Handling tint	klar/blau	klar	klar	klar/blau	klar	klar/blau
UV	√ (blau)	√	√	√	√	√
Normal tear film	+++	++	+++	+++	++	++
Reduced tear film	+++	+	+	++	+	+++
Watery tear film	+++	+++	+++	++	++	++
Tear film with lipid	+	+	+	+++	++	+++
Tear film with protein	+	+	+	++	+++	+++
Durability	+	+	++	++	+++	+++
Initial comfort	+++	+++	+++	++	+	+
Low dehydration	+++	+	+	+++	++	+++
Moistening	+++	++	++	+++	+	+++
Dry eye	+++	+++	++	++	+	+++
Non-ionic	√	√	√	√	√	√

* $\times 10^{-11}$ (cm²/sec) [ml O₂/(ml \times mm Hg)]

** $\times 10^{-11}$ (cm²/sec) [ml O₂/(ml \times hPa)]

Default material: GM3 58% white

Quality assurance

These materials are in conformity with the standard ISO 10993-1 defining the biocompatibility of materials. SwissLens manufacturing process warrants this biocompatibility even after the manufacturing process, in particular without adding polish material. This standard is required by the quality assurance system of SwissLens

