



Hydroxypropyl Methylcellulose for intraocular  
use containing cannula for injection



**Visco**ge™

The word "Visco" is in a dark blue, bold, sans-serif font. The letter "o" is replaced by a blue circle containing the pink text "HPMC". The word "ge" is in a light blue, bold, sans-serif font. A trademark symbol (TM) is located at the top right of the "e".

Hydroxypropyl Methylcellulose

More than meets the eye

w w w . p h i b i o . d e

Phibio GmbH

**DISPERSIVE**

# What is ViscOge™ HPMC?

**ViscOge™ HPMC** is a clear, sterile, isotonic and viscoelastic preparation of hydroxypropyl methylcellulose (HPMC) for intraocular use, dissolved in a buffered physiological solution. (pH 6.8-7.5).

The hydrogel contains 2.4% HPMC and is filled in a ready-to-use syringe for single use. It is packaged in a sterile blister pack. The product is free from preservatives. It has been subjected to moist heat sterilisation for injectable products and is non-pyrogenic. There are no known inflammatory or immunogenic reactions.

## How does ViscOge™ HPMC Work?

As an aid during operation of the anterior segment of the eye, ViscOge™ HPMC maintains the depth of the anterior chamber and protects the surrounding intraocular tissue. The product supports intraocular operation because of viscoelastic and wetting properties.

ViscOge™ HPMC is used as a volume substitute for the aqueous humour during intraocular operation such as lens extraction and insertion of an intraocular lens. It maintains the depth of the anterior chamber throughout the surgery and reduces the risk of traumatisation of the corneal endothelium, the iris and the ciliary body as a result of direct contact with surgical instruments.

## How to use ViscOge™ HPMC?

ViscOge™ HPMC, together with the enclosed single-use cannula, sterilised using ethylene oxide, is intended for single intraocular use in one eye only. It must not be re-sterilised, resealed or reused. Do not resterilise the solution, as this can alter the integrity of the product. Do not use ViscOge™ HPMC if there is any damage to the ready-to-use syringe or sterile packaging.

The product should be used for one patient only during a single appointment. Do not use ViscOge™ HPMC after the expiry date. The expiry date (year/month) is printed on the syringe blister pack and box. Store in the original packaging in a dry place at room temperature and away from light. Avoid freezing or impact.



## Characteristics of ViscOge™ HPMC



Specification	HPMC %2.0	HPMC % 2.4
Hydroxypropyl methycellulose	% 2.0	% 2.4
pH	6.8-7.4	6.8-7.4
Osmolality	260-350 mOsm/kg	260-350 mOsm/kg
Volume	2.0 ml	2.0 ml
Shelf life	24 months	24 months

Composition	HPMC %2.0	HPMC % 2.4
Hydroxypropyl methycellulose	40.00 mg	48.00 mg
Sodium chloride	9.00 mg	9.00 mg
Disodium hydrogen phosphate 2 H <sub>2</sub> O	0,2 mg	0,2 mg
Sodium dihydrogen phosphate 2 H <sub>2</sub> O	0,09 mg	0,09 mg
Water for injection	q.s.	q.s.



# Viscoge™

Hydroxypropyl Methylcellulose



Phibio GmbH  
Klingerstr. 24, 60313  
Frankfurt am Main, Germany

Phone: +4915207659955  
Landline: +49(0)6940767397  
e-mail: info@phibio.de