

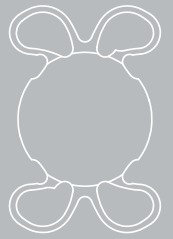


**FLEX VET**

Canine intraocular implants

**MEDICENTUR**

— V E T E R I N A R Y —



## First class material for Inflammation Control

Only an IOL made of first class material can offer constant optic quality & improved safety.

FlexVet IOLs are manufactured from a long-time proven 25% hydrophilic copolymer material, optimally combining hydrophilic and hydrophobic monomers for

- controlling inflammation
- low risk of fibrin reaction
- easy folding and implantation

### ELASTICITY • SOFTNESS • SHAPE MEMORY

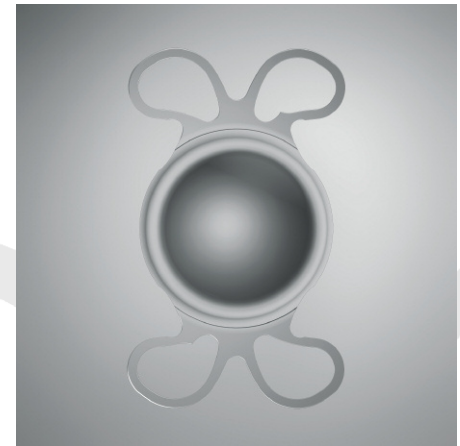
Smooth continuous gliding of the IOL inside the cartridge, low injection force. Immediate, symmetric and atraumatic unfolding inside the capsular bag.

FlexVet IOLs material offers permanent optic quality as a result of

- unequaled transparency
- optimal refraction power of 42 D, minimizing the risk of undercorrection.

FlexVet IOLs material offers improved safety with

- optimized biocompatibility
- low ionicity surface for minimized rates of cells adhesion.





## First class design for Perfect Stability

Specific polish-free manufacturing process and specific design characterize all FlexVet IOLs with a sharp square edge, all over 360° including the optic-haptic junction zone.

Studies have highlighted the essential role of the optics profile design – especially the existence of a square edge all around the optic – to control cell migration.

### Large contact angle

Only a specific design offering a large contact angle and adequate haptics resistance can provide long-term stability and ultimate centration.

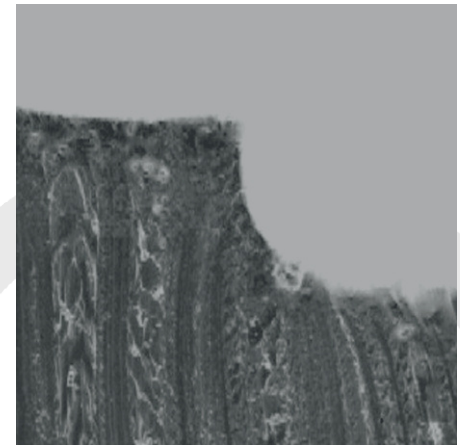
### FlexVet IOLs benefits from all assets of the FlexVet platform design characteristics

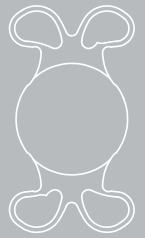
- for reproducible centration of the IOL
- for axial, radial and rotational stability
- for adaptation to different shapes and sizes of capsular bags.

### A 0° angulation

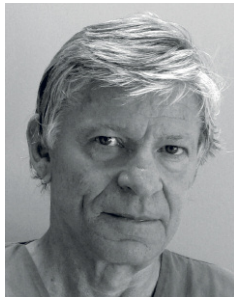
- for a pressure free ciliary area, reducing the risk of glaucoma
- to easily remove all viscoelastic gel from behind the IOL after surgery
- to improve refraction stability.

FlexVet IOLs are available in three sizes for adaptation to the capsular bag.





## First class IOL without compromise



“ The FlexVet veterinary IOL range is the outcome of 20 years of continuous improvement of canine intraocular lenses. The main focusing points of innovation were: biocompatibility of Medicontur hydrophilic material, optimized design for sparing the geometry of the ciliary canal through the cancellation of haptics pressure, PCO control, quality of centration and finally, improvement of refractive power corrections. The results are in compliance with our expectations and all users are – as I am – particularly satisfied with folding, injection, handling as well as long-term benefits. ”

**Dr. Pierre-François ISARD** · DVM, specialist in ophthalmology · [www.chvsm.com](http://www.chvsm.com)



“ The FlexVet implants give a routine total satisfaction in my cataract surgery. The four haptics implant design makes it very stable inside the eye. The uniform haptic-equator contact does not distort the capsular bag. Implant positioning on the optical axis and centration are optimal. The lack of haptics angulation prevents excess tension on the ciliary body and facilitates aqueous humor drainage in the irido-corneal angle. The hydrophilic material is easy to fold in the injection cartridge and smoothly unfolds in the capsular bag. ”

**Dr. Frédéric GOULLE** · DVM, specialist in ophthalmology · [www.aquivet.fr](http://www.aquivet.fr)



“ I used a FlexVet implant on a post-inflammation eye on a traumatic cataract. A synechia was going through the anterior chamber before the surgery from the lens to the endothelium. We can still observe an endothelial scarf after the surgery. The transparency of the aqueous humour surprised me positively at first revision. I like this implant especially for its easy manipulation and because it seems very areactive. It is very flexible, riskless to use, it spreads easily in the capsular bag and its 4 haptics centre spontaneously. ”

**Dr. Eduardo HUGUET BAUDIN** · DVM, specialist in ophthalmology · [www.ofthalmovet.es](http://www.ofthalmovet.es)

# FLEX VET

PFI S4 · PFI M4 · PFI X4

## Inflammation Control

### Technical specification

Type	Single-piece Aspheric Intraocular Lens for implantation into the capsular bag
Optic	Aspheric – Coma Optimized
PCO protection	360° Special Square Edge (patent pending)
Powers available	+42.0 D
Sterilization	Steam

### Material

PFI VET	Hydrophilic – Hydrophobic Copolymer 25% water content with UV Absorber
Refractive index	1.46
ABBE number	58

### Geometry

Optic design	Biconvex
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Overall length	PFI S4: 12.0 mm PFI M4: 13.0 mm PFI X4: 14.0 mm
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Optic diameter	6.5 mm
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Haptic thickness	0.4 mm
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Haptic angulation	0°
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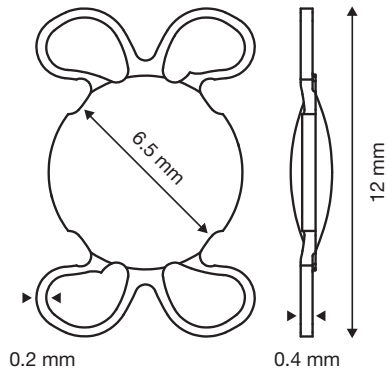
### Storage

Temperature	+15 – +35°C
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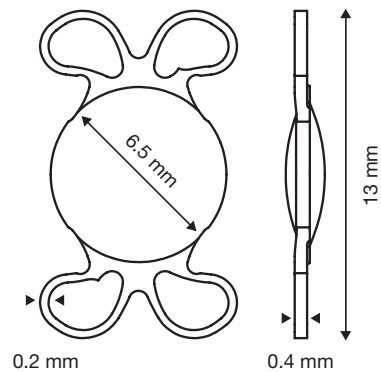
Humidity	15% – 50%
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Shelf life	5 years (from sterilization)
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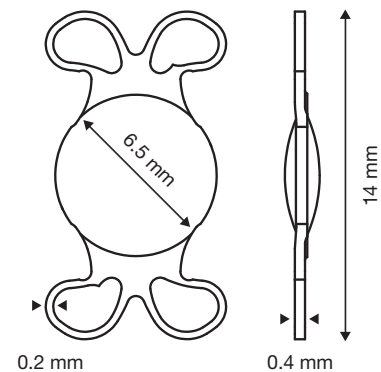
PFI S4



PFI M4



PFI X4





## Vision of expertise

An independent European company in existence for nearly 30 years. Proven quality with more than 3 million intraocular implants produced and sold worldwide. The products are distributed in over 60 countries with an ever growing market share.

The company has international offices in Geneva (Switzerland), near Lyon (France) and in Brno (Czech Republic). The head office and production plant is located near Budapest (Hungary). Medicontur brings together men and women whose skills in the field of copolymer processing serve its demanding policy of continuous innovation.

The excellent feedback received internationally has encouraged Medicontur to extend its portfolio with veterinary implants such as foldable hydrophilic acrylic IOLs and kerathoprosthesis.

The FlexVet lens range is a result of cooperation with well known veterinary ophthalmologists. Studies and follow-ups proved that FlexVet IOLs give an optimal solution for both pets and their owners.

The mission of Medicontur Veterinary Division is to produce the most innovative eye care devices to enable a safe and high level of veterinary cataract surgery.

**MEDICONTUR**  
— V E T E R I N A R Y —

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