



SURGICAL TAMPONADES: FOCUS ON PURITY

An extensive range of tamponades for all your procedural needs.

D.O.R.C. PFCL Purity Standards:

- D.O.R.C.s PFCL manufacturing method uses a proprietary and stringent production and purification process.
- These ensure removal of critical impurities (H-value ≤ 10 ppm, 1H-value (for Octane only) ≤ 1 ppm).
- Verification of purity levels is confirmed using analytical methods specifically developed to detect critical impurities.
- Using independent analytical methods - sourcing of raw materials is continuously controlled.
- Deploying a multi-step purification process.

EFTIAR Octane and Decalin in prefilled syringe*

- Easy-to-use syringe format with flange extender for easy handling.
- Avoids requirement for transfer from vial to syringe.
- Range includes both Octane and Decalin.
- Available in 5ml and 7ml format.

* Has the same specifications as EFTIAR in vials.



EFT-OCT5-S

EFTIAR Octane 5ml syringe (Box/1, Sterile).

EFT-DEC5-S

EFTIAR Decalin 5ml syringe (Box/1, Sterile).

EFT-OCT7-S

EFTIAR Octane 7ml syringe (Box/1, Sterile).

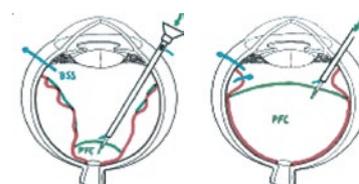
EFT-DEC7-S

EFTIAR Decalin 7ml syringe (Box/1, Sterile).

Indications for use

EFTIAR Octane and EFTIAR Decalin liquid is indicated for use as an intra-operative tool for temporary flattening and manipulation of the retina during surgical treatment of retinal detachment, in particular :

- Retinal detachment with giant tears.
- Retinal detachment with proliferative vitreoretinopathy.
- Traumatic Retinal Detachment.
- Luxated Lenses.
- Intraocular haemorrhage.



Retinal attachment with EFTIAR through EFTIAR Dual Bore needle.

EFTIAR has clear advantages:

- Maximized purity.
- 100% fluorinated.
- Chemically inert liquid.
- Transparent, colorless and optically clear.
- Low refractive index.
- High specific gravity.
- Smooth flattening of a detached retina.
- Passive drainage of subretinal fluid.

EFTIAR Octane

- Specific gravity: 1,77 g/cm³ at 20°C.
- Refractive index: 1,27 at 20°C.
- Viscosity: 1,4 mPas at 25°C.
- Boiling point: 101,3-106°C.
- Packaging: 1 vial of 5ml or 7ml.



EFTIAR Decalin

- High interfacial tension to silicone oil.
- Specific gravity: 1,93 g/cm³ at 20°C.
- Refractive index: 1,31 at 20°C.
- Viscosity: 5,53 mPas at 25°C.
- Boiling point: 140,4-142,4°C.
- Packaging: 1 vial of 5ml or 7ml.

EFT-05-OCT

EFTIAR Perfluoro-octane, 5ml vial (Box/1, Sterile).

EFT-05-DEC

EFTIAR Perfluoro-Decalin, 5ml vial (Box/1, Sterile).

EFT-07-OCT

EFTIAR Perfluoro-octane, 7ml vial (Box/1, Sterile).

EFT-07-DEC

EFTIAR Perfluoro-Decalin, 7ml vial (Box/1, Sterile).

“As surgeons, we need to have the safest possible liquids for our surgeries: ask a producer for a detailed certificate of purification.”

Marco Coassin, MD, Italy



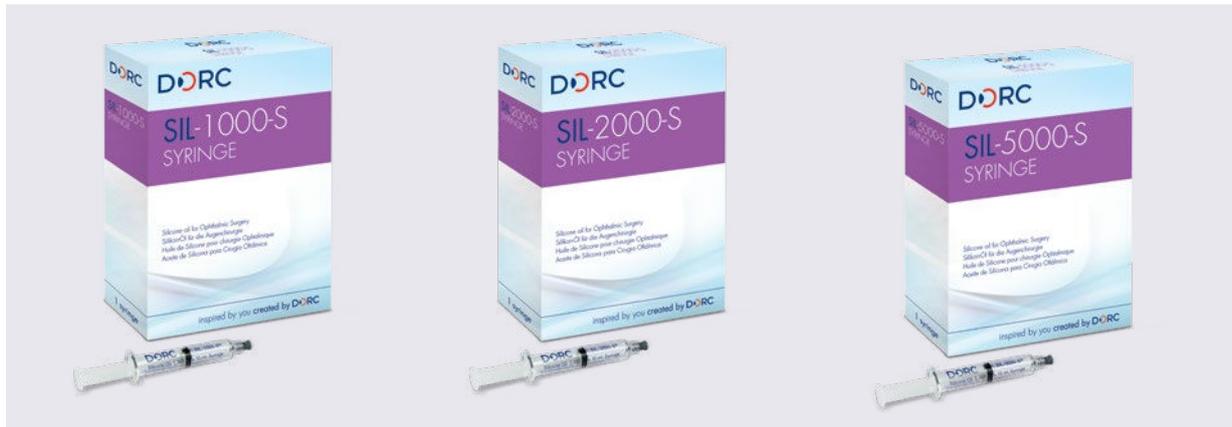
How PURE is your PFCL tamponade?
(watch 2-minute animation to find out)



SIL-1000-S / SIL-2000-S / SIL-5000-S:

The D.O.R.C. Silicone oil is a purified silicone oil which allows for a maximum interfacial tension and minimizes interactions between tissues, cells and endo-tamponades media. The physical properties include a combination of specific gravity, refractive index and surface tension. The choice of viscosity offers an optimum balance between easy injection and a stable temporary tamponade.

- Viscosity: 1000-1500 / 1700-2300 / 5000-5900 mPas.
- Specific Gravity: 0,97 g/cm³ at 25°C.
- Surface tension: 21 mN/m against air.
- Interfacial tension: 40 mN/m against water.
- Packaging: SIL-1000-S / SIL-2000-S / SIL-5000-S: 1 syringe of 10ml.



SIL-1000-S

Silicone Oil, 1.000 csts, 10ml syringe (Box/1, sterile).

SIL-5000-S

Silicone Oil, 5.000 csts, 10ml syringe (Box/1, sterile).

SIL-2000-S

Silicone Oil, 2.000 csts, 10ml syringe (Box/1, sterile).

Indications for use

SIL-1000-S / SIL-2000-S / SIL-5000-S is indicated for use as a short or longer term tamponade of the retina. In particular, the primary indications for SIL-1000-S / SIL-2000-S / SIL-5000-S are the surgical management of:

- Proliferative Vitreoretinopathy (PVR).
- Retinal Detachment caused by Trauma.
- Giant Tears.
- Diabetic Traction Detachment.
- Retinal detachment caused by Cytomegalovirus (CMV) retinitis.

A secondary indication of SIL-1000-S / SIL-2000-S / SIL-5000-S is the surgical management of ROP related traction detachments.

“Since D.O.R.C. launched their Silicone oil 2000, I have switched from the 5000 cSt silicone oil to the 2000 cSt. The main reason for switching is the fact that both - injection and extraction - are much easier and faster with the Silicone oil 2000.”

Anne-Catherine Gribomont, Prof. MD, Belgium



Composition and characteristics of OcuGas SF6:

OcuGas SF6 contains the colorless and odor-less gas sulfur hexafluoride (SF6) which is chemically and physiologically inert. OcuGas SF6 is provided as a kit consisting of two sets: a gas reservoir (set 1) and a mixing device (set 2). The complete kit allows an easy, quick and safe handling. Initial purity of SF6: 4.5 Decimal fraction (equal to 99.995% purity). OcuGas SF6 is used after a complete vitrectomy.

OcuGas SF6

Physical properties:

- CAS number 2551-62-4 .
- Density (20°C, 1 bar) 6,07 kg/m³.
- Density ratio to air: 5,125.

OcuGas SF6:

- Single use - 100% SF6 ready for mixing.
- Non-pressurized gas container.
- Exterior sterility for optimised ease of use (USP to OcuGas range).
- Flexibility to create gas-air combination according to requirements of surgery.



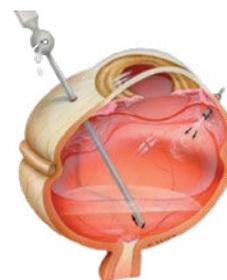
GAS-SF6-S

OcuGas SF6 (Box/1).

Indications for use

OcuGas SF6 is used as a mid-term tamponade after operative treatment of severe retinal detachment, particularly for:

- Retinal detachments with giant tears.
- Retinal detachments without proliferation.
- Retinal detachments in case of proliferative diabetic retinopathy (pdr).
- Traumatic retinal detachments.
- Macular holes.
- Macular edema.



Fluid-air exchange during vitreoretinal surgery

Accessories for Ophthalmic Liquids

Accessories for EFTIAR



EFD.100

Disposable Dual Bore PFC Cannula.



EFT.100

EFTIAR, dual bore cannula (20 gauge/0.9 mm).

EFD.06 EFTIAR Dual Bore cannula, 23 gauge/0.6 mm (Box/5, Sterile).

Accessories for Silicone oil



1272.HSE06

Disposable heavy silicon extraction cannula 23 gauge.

- Adapted specifically for Heavy Silicone Oil Removal.
- Longer cannula for easier removal of high density liquids.



1362.VFE

High Flow Viscous Fluid Extraction.

Suitable for 20/23/25/27 gauge DORC Cannula Systems.

- Quick and safe removal of 1000 to 5000 cst silicone oil.
- New design tubing using maximum inner diameter of the cannula system.

"This cannula (1272.HSE06) is the result of collaboration between D.O.R.C. and VR surgeons - showing how small product enhancements can make life easier for VR surgeons."

Andreas Mohr, MD, Germany



1272.VFI04 / 1272.VFI05 / 1272.VFI06

Disposable VFI Cannula, with 7mm (1272.VFI05 / 1272.VFI06) or 6mm (1272.VFI04) thin wall polyimide tip.



1363.DD

VFI Pack for Silicone Oil syringes.

1362.D Disposable pack for viscous fluid extraction.

1272.VFE20 Disposable Viscous Fluid Extraction cannula with 14 mm thin wall polyimide tip (20 gauge/0.9 mm).

1272.VFI20 Disposable viscous fluid injection / extraction cannula with 7 mm thin wall polyimide tip (20 gauge/0.9 mm).

1365 D.O.R.C.® VFI Adaptor DORC VFI connector between DORC System & 1363.DD.

1366 Millennium® VFI adaptor Millennium VFI connector between Millennium system & 1363.DD.

1368 Geuder® VFI adaptor Geuder VFI connector between Geuder system & 1363.DD.

Backflush Instruments

23G



Backflush Instrument with 23 gauge / 0.6 mm blunt needle

Article No: 2281.AD06



Backflush Instrument with 23 gauge / 0.6 mm brush needle and active aspiration

Article No: 2281.BTD06



Backflush Instrument with 23ga / 0.6 mm soft-tip cannula and active aspiration

Article No: 2281.STD06

25G



Backflush Instrument with 25 Ga / 0.5 mm blunt needle and active aspiration

Article No: 2281.AD05



Backflush Instrument with 25 Ga / 0.5 mm brush needle and active aspiration

Article No: 2281.BTD05



Backflush Instrument with 25ga / 0.5 mm soft-tip cannula and active aspiration

Article No: 2281.STD05

27G



Backflush Instrument with 27 Ga / 0.4 mm blunt needle and active aspiration

Article No: 2281.AD04



Backflush instrument with 27 gauge / 0.4 mm brush needle and active aspiration

Article No: 2281.BTD04



Backflush instrument with 27ga/0.4 mm soft-tip cannula and active aspiration

Article No: 2281.STD04

20G



Backflush Instrument with 20 gauge / 0.9 mm blunt needle

Article No: 2281.AD



Backflush Instrument with 20 gauge / 0.9 mm brush needle and active aspiration

Article No: 2281.BTD



For additional information please contact:
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