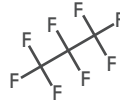


Vitreoretinal Tamponades & Dyes



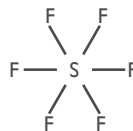
Octafluoropropane (C3F8)

- C3F8 is a colourless and odourless gas.
- TEKNOGASES® C3F8 consists of 100% Octafluoropropane(C3F8)
- The product is available in aerosol or bag form
- Prepared as Ready-to-Use system (air filter on the system with a one – direction valve)
- Ready-to-Use system make it use easily,safely and quickly
- Ready-to-Use system with a one-direction valve works as it is pushed hard from the bottom with hand .This controls the movement of gas (not automatically) in only one direction (prevents escape) into the syringe.
- Ready-to-Use system prevents any air entry and additionally make the gas in the syringe %100 C3F8.
- Ready-to-Use system make the surgeon be certain about the prepared concentration of gas
- Prepared for single or multiple use
- The single use prevents contamination and minimizes the risk of endophthalmitis
- Multiple use is (30 or 50 cc) more effective when storage is a problem
- The product is prepared in a full automated system and presented in blister packages



Sulphurhexafluoride (SF6)

- SF6 is a colourless and odourless gas.
- TEKNOGASES® SF6 consists of 100% Sulphurhexafluoride (SF6)
- The product is available in aerosol or bag form
- Prepared as Ready-to-Use system(air filter on the system with a one –direction valve)
- Ready-to-Use system make it use easily, safely and quickly
- Ready-to-Use system with a one-direction valve works as it is pushed hard from the bottom with hand .This controls the movement of gas (not automatically) in only one direction (prevents escape) into the syringe.
- Ready-to-Use system prevents any air entry and additionally make the gas in the syringe %100 SF6.
- Ready-to-Use system make the surgeon be certain about the prepared concentration of gas
- Prepared for single or multiple use
- The single use prevents contamination and minimizes the risk of endophthalmitis
- Multiple use is (30 or 50 cc) more effective when storage is a problem
- The product is prepared in a full automated system and presented in blister packages



Product Properties

	Octafluoropropane(C3F8)	Sulphurhexafluoride (SF6)
Density kg/l	0,4996	0,3847
Molecular Weight	188,03 g/mole	146,06 g/mole
Melting/freezing point	-183 c°	-64,15 c°
Critical Temperature	71,9 c°	45,5 c°
Vapor Pressure	100,1 (psig)	320 (psig)
Vapor Density	6,69 (Air=1)	5,114 (Air=1)
Specific Volume (ft^3/lb)	2,0016	2,5994
Gas Density(lb/ft^3)	0,4996	0,3847



Original, pre-prepared (Ready-to-Use) system. The system includes a one-direction valve attached to an air filter. Nurse, while preparing the gas, puts the syringe on to the air filter. Nurse holds the bottle with left hand and stabilizes it while the right hand just holds the syringe without any movement. When nurse pushes the right hand from the bottom hardly, the one-direction valve opens. This action allows the movement of gas from the chamber into the syringe. This system controls the movement of gas (not automatically) in only one direction (prevents escape back into the chamber) into the syringe

cc	SulfurHexafluoride		Octafluorpropan	
	SF6 AERESOL	SF6 BAG	C3F8 AERESOL	C3F8 BAG
10cc	VT10SFA®	VT10SF®	VT10CFA®	VT10CF®
30cc	VT30SFA®	VT30SF®	VT30CFA®	VT30CF®
50cc	VT50SFA®	VT50SF®	VT50CFA®	VT50CF®

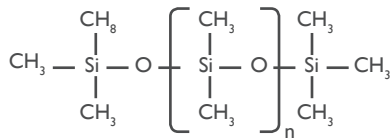
Product Description: Presented in Aeresol and Bag
Store at room temperature



- The product is %100 Polydimethylsiloxane
- Polydimethylsiloxane has a property of less retinal toxicity and emulsification compared with purified silicone oil
- Prepared in a full automated system and presented in blister packages
- This product does not contain latex nor preservatives
- Safe fractionation process extracting the low molecular compounds which makes the product more biocompatible
- It is easily injectable with any of the preferred systems (syringe or automated pump) and presented in glass vial or glass syringe
- The choice of viscosity offers an optimum balance between easy injection and a stable temporary tamponade
- Available from 1000-5700 cSt and each have a colour code on the pocket side to be able to store and recognize easily

Product Properties

	1000 cSt	1300 cSt	1500 cSt	2000 cSt	5000 cSt	5500 cSt	5700 cSt
Pour Point	-50	-50	-50	-50	-48	-48	-48
Density	0,971	0,971	0,971	0,971	0,973	0,973	0,973
Refractive Index	1,4034	1,4034	1,4034	1,4034	1,4035	1,4035	1,4035
Surface Tension	21,2	21,2	21,2	21,2	21,3	21,3	21,3
Flash Point	315	315	315	315	315	315	315
Molecular Weight	28	28,5	30,2	33,35	49,35	51,7	51,9



	1000 cSt	1300 cSt	1500 cSt	2000 cSt	5000 cSt	5500 cSt	5700 cSt
Syringe	VTS1	VTS13	VTS15	VTS20	VTS50	VTS55	VTS57
Vial	VTV1	VTV13	VTV15	VTV20	VTV50	VTV55	VTV57

Product description: Presented in Glass Syringe or Glass Vial

Store at room temperature

Karabas Automatic VFI Sysytem®

- Newly developed viscous fluid injection system
- Composed of viscous fluid filled glass syringe and air filled aerosol tank attached to it which had a ready -unready system witch over the body (1) and on-off system over the tip (2)
- Ready-unready system witch is turned to ready before entering into the eye
- Surgeon then makes the system on very easily with tip of finger after entry into the vitreous cavity
- Viscous fluid is injected in a very controlled manner without need of any machine or tubing etc.
- Under some circumstances, this system may allow the surgeon to use both hands, as the system can be easily used by nurse or assistant



	1000 cSt	1300 cSt	1500 cSt	2000 cSt	5000 cSt	5500 cSt	5700 cSt
Syringe	VTSA1	VTSA13	VTSA15	VTSA20	VTSA50	VTSA55	VTSA57

Silicone Injection System

VCE210 Silicone Injection System



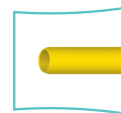
This system can only be used for silicone oil within glass syringe.

Available tips compatible with the system.

Silicone Injection Cannula 25g
Polyimide Tip 7mm or 10mm or 20mm

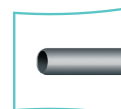
Silicone Injection Cannula 23g
Polyimide Tip 7mm or 10mm or 20mm

Silicone Injection Cannula 20g
Polyimide Tip 7mm or 10mm or 20mm



Silicone Injection Cannula® 23g
7mm or 10mm or 20mm

Silicone Injection Cannula® 20g
7mm or 10mm or 20mm



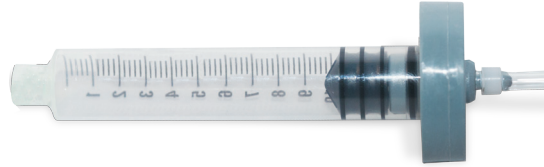
Silicone Injection & Extraction System

VCE220 Silicone Injection & Extraction System

VCE221 Silicone Injection & Extraction System

VCE222 Silicone Injection & Extraction System

This system is designed for use of silicone oil injections within vials. This can also be used for silicone oil extraction.

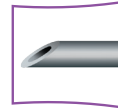


Silicone Extraction System

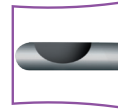


This system can only be used for silicone oil extraction.

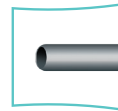
VCE200 Silicone Extraction System
1.1 x 12mm 19g or 1.6 x 9mm 16g



VCE201 Silicone Extraction System
1.1 x 20mm 19g



VCE202 Silicone Extraction System
.90 x 20mm 20g



Akkan Viscous Fluid Extraction System®

VCE300 23g Akkan VFE System®

VCE310 20g Akkan VFE System®

Akkan VFE system® is applicable with 20g and 23g trochars. VFE System blocks spreading of silicone oil during aspiration. The system connects to the trochar with pressure and needs no extra attachment this it removes silicone out from the eye without entering into the vitreous cavity.



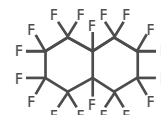


- Contains more than 98% Perfluorodecaline or Perfluoro-octane
- Purified Perfluorodecaline or Perfluoro-octane sterile and apyrogenic.
- Transparent, colourless and optically clear
- Both products have clear differentiation with high specific gravity
- Presented in 5,7-10 ml vials or glass syringe depending on the surgeons preferences
- Prepared in a full automated system and presented in blister packets
- Has a colour code on the pocket side to be able to store and recognize easily

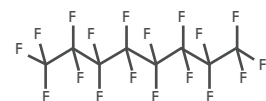
Product Properties

	Perfluorodecalin	Perfluoro-octane
Odor	Odourless	Odourless
Boiling Point	142°C	103-104°C
Pour Point	-5°C	-70°C
Density kg/l	1,92	1,766
Viscosity Dynamic	2,92 mPa.s	5,10 mPa.s
Refractive Index at 20°C	1,313	1,282
Surface Tension	17,6 mN/m	16 mN/m
Vapour Pressure	0,88 kPa	3,7 kPa

Perfluoro-Octane



Perfluorodecalin

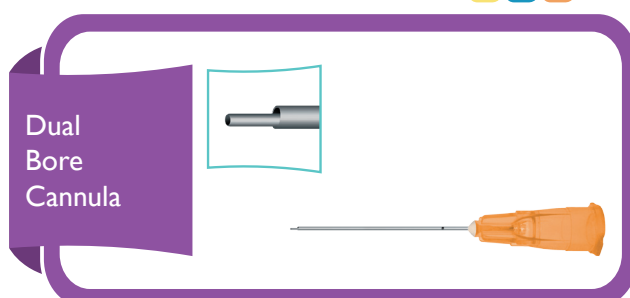


	Perfluorodecalin	Perfluorooctane
5 ml Vial	VT5D	VT5O
7 ml vial	VT7D	VT7O
10 ml Vial	VT10D	VT10O
Syringe	VTSD	VTSO
with Dual Bore Cannula	VTD1	VTO1

Product description: Presented in Glass Syringe or Glass Vial

Store at room temperature

20g 23g 25g



Dual Bore Cannula

VCDI00 Dual Bore Cannula 25g

VCDI01 Dual Bore Cannula 23g

VCDI02 Dual Bore Cannula 20g

5 Per box

Tekno Blue G



- TEKNO BLUE G is a dye to stain the ILM in vitreoretinal surgery.
- By injecting TEKNO BLUE G in the vitreous cavity the ILM will be clearly stained easily distinguished from the underlying, unstained retina and can be removed selectively.
- Creates excellent staining contrast
- Presented in glass vial or syringe and ready to use without dilution
- Prepared in a full automated system and presented in blister packets

Product Properties

0.125 mg Brilliant Blue G

0,95 mg sodium monohydrogen orthophosphate (Na₂HPO₄ x2H₂O);

0,15 mg sodium di-hydrogen orthophosphate (NaH₂PO₄ x 2H₂O);

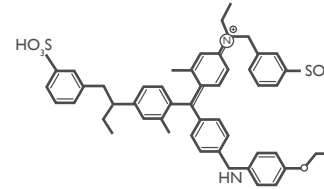
4,1 mg sodium chloride (NaCl) ; and water for injection.

Density kg/l : 1,01

Ph: 7,5

Osmolality: 334 mOsm/kg H₂O

ml	Syringe	Vial
0,5ml	DTI5S	DTI5V
1ml	DTI1S	DTI1V



Product Description: Presented in Glass Syringe or Glass Vial
Store at room temperature

Tekno Epi Blue



- TEKNO EPI BLUE 0.15% (trypanblueophthalmic) injection, solution
- TEKNO EPI BLUE is indicated for use as an aid in ophthalmic surgery by staining the epiretinal membranes during vitrectomy procedures, facilitating removal of the tissue
- Product selectively stains epiretinal membranes and creates excellent contrast
- Presented in glass vial or syringe and ready to use without dilution
- Prepared in a full automated system and presented in blister packets

Product Properties

1.5 mg trypan blue;

1.9 mg sodium monohydrogen orthophosphate (Na₂HPO₄.2H₂O);

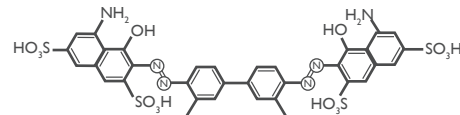
0.3 mg sodium di-hydrogen orthophosphate (NaH₂PO₄.2H₂O);

8.2 mg sodium chloride (NaCl) ; and water for injection.

Ph: 7.3 - 7.6.

Osmolality: 257-314 mOsm/kg.

ml	Syringe	Vial
0,5ml	DTM5S	DTM5V
1ml	DTM1S	DTM1V



Product description: Presented in Glass Syringe or Glass Vial
Store at room temperature

Tekno Capsule Blue



- TEKNO CAPSULE BLUE is purified Trypanblue / isotonic buffered vehicle
- Used in cataract surgery for capsule staining , quick, easy and safe to perform
- Creates excellent staining contrast for anterior and posterior capsulorhexis
- Prepared in a full automated system and presented in blister packets

Product Properties

0,06 mg trypan blue

1.9 mg sodium monohydrogen orthophosphate (Na₂HPO₄.2H₂O);

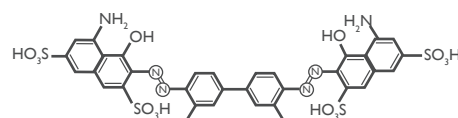
0.3 mg sodium di-hydrogen orthophosphate (NaH₂PO₄.2H₂O);

8.2 mg sodium chloride (NaCl); and water for injection.

Ph: 7.3 - 7.6.

Osmolality: 257-314 mOsm/kg.

ml	Syringe	Vial
1ml	DTB106S	DTB106V
3ml	DTB306S	DTB306V
5ml	DTB506S	DTB506V



Product description: Presented in Glass Syringe or Glass Vial
Store at room temperature