



CATALOG

2021

*Looking after tradition doesn't mean preserving the
ashes but keeping the embers burning.*

Jean Jaurès

(1859-1914)

Oriplast

TRADITION SINCE 1968

The Future needs History

Oriplast GmbH was founded in Saarbruecken, Germany, in 1968. The company is pursuing the following long-standing vision:

The production of high-quality medical devices for professional users and customers in the medical sector, which enable optimal patient care.

The traditional corporation has been pursuing this vision since its foundation and ensures steady growth and product development through its high quality standards, as well as recognition on the national and international markets.

The existing tradition of offering customers high-quality products **Made in Germany** has also remained to this day. We attach particular importance to this practice.

The Key to Success

As an established manufacturer of first-class medical devices, our core business area includes the European medical device market. Today, we look back at more than **50 years' experience** in manufacturing. We made it to our task to meet individual customer needs with less mass and more class.

Establishment of Patents

The Oriplast brand was first registered in Germany in 1990. Five patent registrations followed in 2000: ORIFLEX I, II, III, IV and V. To this day, Oriplast holds a range of patents, including for high-vacuum bottles.

Product Portfolio

The Oriplast brand comprises **more than 1,200 items** in 16 product groups for use in the medical and clinical sectors. In addition to the standard portfolio, various programmes were adapted to the individual needs of medical staff:

- Suction program
- Anaesthesia and oxygen programme
- Drainage programme
- Gastroenterology programme
- Infusion and transfusion programme
- Orthopaedic programme
- Urology programme

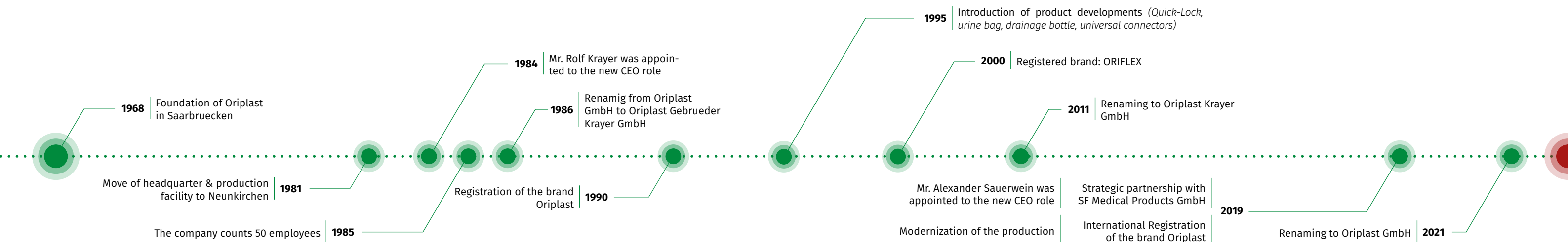
Other accessories and special programmes can also be found in the portfolio.

Quality and Certification

By implementing constant quality controls, we ensure that our services and products always meet the legal requirements. Thanks to the certification as a medical device manufacturer, our customers can be sure that the products we manufacture meet their high expectations of quality and safety. Our products are certified and manufactured in accordance with Directive **93/42/EEC**, Regulation **(EU) 2017/745 (MDR)** and the **DIN EN ISO 13485** standard.

Exclusive Distributor

In terms of sales and marketing, we enjoy an exclusive sales partnership with **SF Medical Products GmbH**.



Certificates

MONITORING AND PERFORMANCE

Our quality for you!

Our quality management system is our top priority.

In order to meet our and your high standards, we implemented a system that complies with the international European standard DIN EN ISO 13485. It is subject to continuous improvement, in accordance with the new laws and guidelines imposed on medical devices. In addition, the conformity of the products with the requirements of Regulation (EU) 2017/745 (MDR) for post-market surveillance, market surveillance and vigilance is guaranteed.

By implementing constant inspections, we ensure that our services and products always meet the legal requirements. Thanks to our certification as a medical device manufacturer, our customers can rely on the products manufactured under the Oriplast brand to meet their high expectations of quality and safety.

The conformity of our production, products and internal business processes are certified by the DIN EN ISO 13485 certificate. We produce CE-certified medical devices for classes Is, Im and IIa.

By applying a risk-based approach across all of our processes, we offer users and patients the greatest possible safety.



EC-CERTIFICATE

(Full quality assurance system)

This is to certify that the company

ORIPLAST GmbH
Hermannstraße 150
66538 Neunkirchen
Germany

has implemented and maintains a full quality assurance system which applies to the products at every stage from design to final controls.

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of

Annex II – excluding Section 4 of Council Directive 93/42/EEC concerning medical devices

with respect to the following medical devices:

Product	Class
Disposable sterile equipment for infusion, transfusion, nasal oxygen therapy and op-suction	Is / IIa
Drainage	IIa
Urinary collection	Is / Im

The manufacturer is subject to surveillance according to Annex II, Section 5. The CE marking with the Notified Body Identification Number (0297) may be affixed on the devices listed in the certificate. An EC Design Examination Certificate according to Annex II, Section 4 is required for class III devices covered by this certificate. The certificate is in the case of class (s) devices ((s) = class I products placed on the market in sterile conditions) limited to the aspects of manufacture concerned with securing and maintaining sterile conditions. The certificate is in the case of class (Im) devices ((Im) = class I devices with a measuring function) limited to the aspects of manufacture concerned with the conformity of the products with the metrological requirements.

Certificate registration no. 346155 MR2
Certificate unique ID 170775779
Effective date 2021-04-19
Expiry date 2024-01-09
Frankfurt am Main 2021-04-19

DQS Medizinprodukte GmbH

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DQS Medizinprodukte GmbH is a Notified Body according to Council Directive 93/42/EEC concerning medical devices with the Identification Number 0297.

41120 V4 Med 1.0



CERTIFICATE

This is to certify that the company

ORIPLAST GmbH
Hermannstraße 150
66538 Neunkirchen
Germany

has implemented and maintains a **Quality Management System**.

Scope:
Design and Development, Production and Distribution of Disposable sterile Equipment for Infusion, Transfusion, Drainage, Urinary Collection, Nasal Oxygen Therapy, OP-Suction, Mucous Suction, Tracheal Suction.

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of the following standard:

DIN EN ISO 13485 : 2016 + AC : 2017-07
EN ISO 13485 : 2016 + AC : 2016
ISO 13485 : 2016

Certificate registration no. 346155 MP2016
Certificate unique ID 170775778
Effective date 2021-04-19
Expiry date 2022-01-09
Frankfurt am Main 2021-04-19

DQS Medizinprodukte GmbH

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41026 en Version 1.0



Current certifications can be found under www.oriplast.de/oriplast/Zertifikate



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High and Medium Vacuum
USE PRESSURE EFFICIENTLY

High and Medium Vacuum

LATEX-FREE SYSTEMS FOR WOUND HEALING

Wound Management with ORIFLEX

Our wide range of products in **high and medium vacuum** offers systems and sets for invasive postoperative procedures. They ensure gentle, complication-free, antiseptic and **individual promotion of wound healing** and are indispensable for many forms of therapy.

The pre-evacuated drainage bottle ensures the fluid and smooth drainage of wound secretions or fluids from wound cavities and accelerates gentle wound healing.

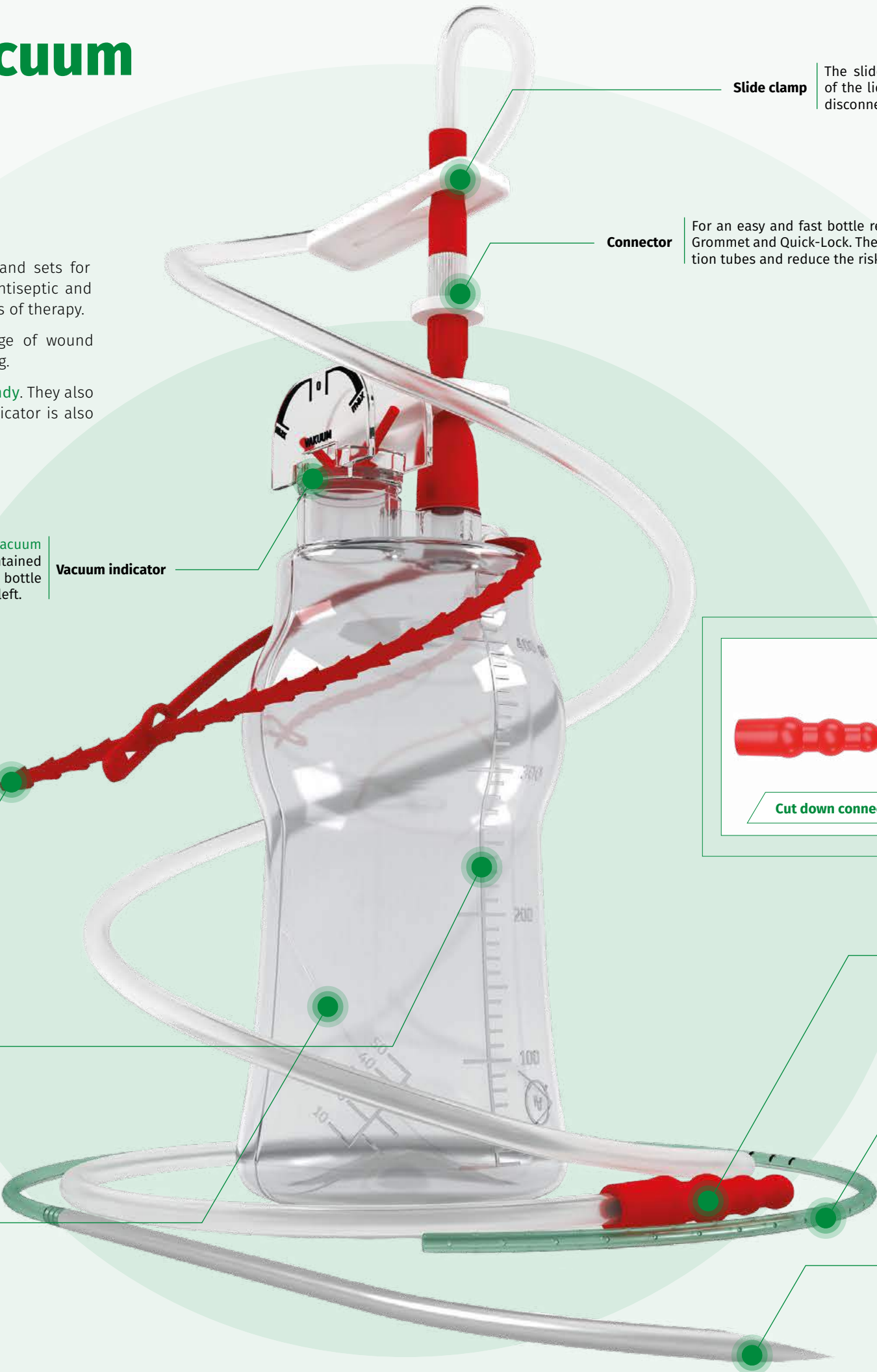
We pay special attention to the design of the bottle – it is **stable, light and handy**. They also allow visual inspection of the secretion. The clear design of the vacuum indicator is also particularly helpful for reading the vacuum quantity.

All ORIFLEX vacuum bottles are equipped with an **innovative vacuum indicator**. The integrated crystal-clear scale division indicates the contained vacuum level. When both indicators are at maximum, the drainage bottle contains full vacuum. If the indicators show zero, there is no vacuum left.

Our eye-catching quick connectors enable effortless placement and fastening of the high and medium vacuum bottles close to the patient. The given flexibility makes it possible to reposition the bottles whenever needed without complications by simply loosening the quick connector.

The pre-evacuated transparent bottles are equipped with a finely graduated scale and make precise reading of the filling level easy. For maximum precision, the bottle is also equipped with a microscale.

50% or 100% vacuum? This choice gives surgeons the opportunity to react flexibly to their needs at the time. The 50% vacuum offers slower and gentler draining than the high vacuum variant.



Slide clamp

The slide clamp is suitable for a quick and short-term interruption of the liquid run. By unclamping the tube, the drainage bottle can be disconnected easily, allowing to connect a replacement bottle.

Connector

For an easy and fast bottle replacement, the ORIFLEX systems offer two connectors: Grommet and Quick-Lock. These connectors ensure reliable connection of the connection tubes and reduce the risk of contamination.

Grommet

Quick-Lock

Cut down connector

Screw connector

Luer-Lock

Drainage adapter

The ORIFLEX systems are equipped with a cut down and screw connector for an **uncomplicated, fast and safe connection** of the drain sizes FG 6-18. Both drain adapters are universal and flexible in application. The bloodletting bottle comes with a Luer-Lock system.

Redon drain

The flexible Redon drain is connected to the vacuum bottle and serves as an access point to patients' wound fluid. Our Redon drains are provided with a length marking that allows an easy repositioning. In addition, these are equipped with an X-ray contrast line and are available in different perforations and sizes.

Redon needle

Our Redon drain is pre-connected to a disposable guide needle. The sharply ground trocar tip is made of high-quality stainless steel and allows optimal placement of the Redon drain.

OP System

The pre-evacuated, transparent Oriflex I-V reservoirs with high vacuum (675-950 mmHg) or medium vacuum (200-550 mmHg), as well as a transparent connecting tube, are suitable for postoperative wound drainage. The surgical systems (drainage bottles) are connected to Redon drains to drain wound secretions.



ORIFLEX I • 450 ml

- tube length 1080 mm
- with a vacuum indicator
- two slide clamps
- quick binder



Art.-No.	PCN	eClass	Connector	Drain connector	Vacuum (%)	PU
VK00390	17485651	34-29-01-01	rubber, grommet	cut down connector	50	25
VK00395	17485680	34-29-01-01	QL f, QL m	cut down connector	50	25
VK00394	17485674	34-29-01-01	QL f, QL m	screw connector	50	25
VK00393	17485668	34-29-01-01	QL f, QL m	screw connector	100	25



ORIFLEX II • 450 ml

- 100% vacuum
- tube length 1080 mm
- with a vacuum indicator and scale division
- quick binder



Art.-No.	PCN	eClass	Connector	Drain connector	Quick binder	PU
VK00426 ¹	17485846	34-29-01-01	rubber, grommet	cut down connector	••	25
VK00429	17485881	34-29-01-01	rubber, grommet	screw connector	••	25
VK00428 ²	17485875	34-29-01-01	rubber	cut down connector	•	25
VK00444 ²	17485929	34-29-01-01	rubber	screw connector	•	25
VK00412	17485763	34-29-01-01	QL f, QL m	cut down connector	••	25
VK00431	17485898	34-29-01-01	QL f, QL m	screw connector	••	25

¹ PETG drainage bottle ² not disconnectable



ORIFLEX III • 200 ml

- 100% vacuum
- tube length 1080 mm
- with a vacuum indicator
- two slide clamps
- quick binder



Art.-No.	PCN	eClass	Connector	Drain connector	Scale division	PU
VK00548	17486455	34-29-01-01	QL f, QL m	cut down connector	-	40
VK00465	17485970	34-29-01-01	QL f, QL m	cut down connector	•	40
VK00454	17485935	34-29-01-01	rubber, grommet	cut down connector	•	40
VK00462 ¹	17485941	34-29-01-01	rubber	cut down connector	•	40
VK00549	17486461	34-29-01-01	QL f, QL m	screw connector	-	40
VK00466	17485987	34-29-01-01	QL f, QL m	screw connector	•	40
VK00463	17485958	34-29-01-01	rubber, grommet	screw connector	•	40
VK00464 ¹	17485964	34-29-01-01	rubber	screw connector	•	40

¹ not disconnectable



ORIFLEX IV • 400 ml

- 100% vacuum
- tube length 1080 mm
- with a vacuum indicator and integrated scale division
- quick binder



Art.-No.	PCN	eClass	Connector	Drain connector	Slide clamp	Label	PU
VK00352	17485504	34-29-01-01	QL f, QL m	cut down connector	••	-	30
VK00368	17485527	34-29-01-01	QL f, QL m	cut down connector	••	•	30
VK00351 ¹	17485496	34-29-01-01	rubber	cut down connector	••	-	30
VK00359 ¹	17485510	34-29-01-01	rubber	cut down connector	•	-	30
VK00372	17485533	34-29-01-01	QL f, QL m	screw connector	••	•	30
VK00557	17486509	34-29-01-01	QL f, QL m	screw connector	••	-	30

¹ not disconnectable



ORIFLEX V • 600 ml

- 100% vacuum
- tube length 1080 mm
- with a vacuum indicator and scale division
- two slide clamps



Art.-No.	PCN	eClass	Connector	Drain connector	PU
VK00314	17485361	34-29-01-01	rubber, grommet	cut down connector	25
VK00315	17485378	34-29-01-01	QL f, QL m	cut down connector	25
VK00339	17485450	34-29-01-01	QL f, QL m	screw connector	25

Ward System

The evacuated, transparent Oriflex replacement bottles are suitable for postoperative wound drainage. This system is used to replace the OP system bottles to ensure the continuation of drainage and the acceleration of the wound healing process.



ORIFLEX I • 450 ml

- with a vacuum indicator
- slide clamp
- quick binder



Art.-No.	PCN	eClass	Connector	Vacuum (%)	PU
VK00400	17485728	34-29-01-01	QL f	50	25
VK00399	17485711	34-29-01-01	QL f	100	25

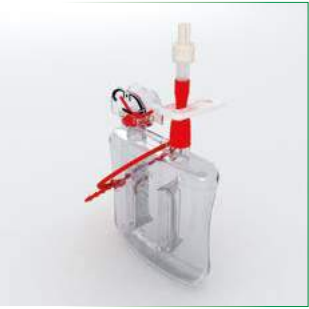


ORIFLEX II • 450 ml

- 100% vacuum
- with a vacuum indicator and scale division
- one slide clamp
- quick binder



Art.-No.	PCN	eClass	Connector	Screw cap	PU
VK00096	17484002	34-29-01-01	rubber	-	25
VK00409	17485740	34-29-01-01	QL f	-	25
VK00405	17485734	34-29-01-01	QL f	•	25



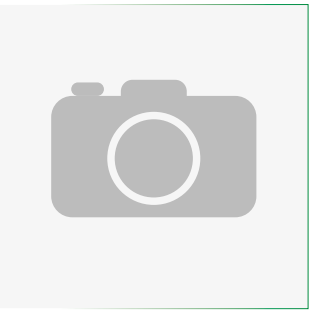
ORIFLEX III • 200 ml

- with a vacuum indicator and scale division
- quick binder
- one slide clamp



Art.-No.	PCN	eClass	Connector	Vacuum (%)	Screw cap	PU
VK00468 ¹	17485993	34-29-01-01	QL f	50	-	40
VK00097	17484019	34-29-01-01	rubber	100	-	40
VK00547 ¹	17486449	34-29-01-01	QL f	100	-	40
VK00469	17486001	34-29-01-01	QL f	100	•	40
VK00470	17486018	34-29-01-01	QL f	100	-	40

¹ without scale division



ORIFLEX IV • 400 ml

- 100% vacuum
- with a vacuum indicator and integrated scale division
- one slide clamp
- quick binder



Art.-No.	PCN	eClass	Connector	Screw cap	Label	PU
VK00090	17483965	34-29-01-01	rubber	-	-	30
VK00348	17485467	34-29-01-01	QL f	-	-	30
VK00349	17485473	34-29-01-01	QL f	•	•	30



ORIFLEX V • 600 ml

- 100% vacuum
- with a vacuum indicator and scale division
- one slide clamp



Art.-No.	PCN	eClass	Connector	Screw cap	Label	PU
VK00308	17485332	34-29-01-01	QL f	-	-	25
VK00309	17485349	34-29-01-01	QL f	•	-	25
VK00312	17485355	34-29-01-01	QL f	-	•	25

Complete Set

The disposable wound drainage system consists of an Oriflex surgical system (675-950 mmHg), a Redon drain and needle. This set is used for postoperative drainage of wound secretions.



ORIFLEX II • 450 ml

OP system: 100% vacuum, tube length 1080 mm, with a vacuum indicator and scale division, two slide clamps and quick binder

Redon drain: 500 mm, 140 mm crossperforated, with an X-ray contrast line and length marking



Art.-No.	PCN	eClass	Connector	Drain connector	FG	Needle length (mm)	PU
VK00291	17485183	34-29-01-01	QL f, QL m	cut down connector	8	200	25
VK00413	17485786	34-29-01-01	QL f, QL m	cut down connector	10	195	25
VK00420	17485792	34-29-01-01	rubber, grommet	cut down connector	10	195	25
VK00421	17485800	34-29-01-01	rubber, grommet	cut down connector	12	200	25
VK00284 ¹	17485154	34-29-01-01	rubber, grommet	cut down connector	14	200	25
VK00285	17485160	34-29-01-01	QL f, QL m	cut down connector	14	200	25
VK00423	17485817	34-29-01-01	rubber, grommet	cut down connector	16	200	25
VK00441	17485912	34-29-01-01	rubber, grommet	screw connector	16	200	25
VK00290	17485177	34-29-01-01	QL f, QL m	cut down connector	18	200	25
VK00424	17485823	34-29-01-01	rubber, grommet	cut down connector	18	200	25

¹ DEHP-free



ORIFLEX III • 200 ml

OP system: 100% vacuum, tube length 1080 mm, with a vacuum indicator and scale division, two slide clamps and quick binder

Redon drain: 500 mm, 140 mm crossperforated, with an X-ray contrast line and length marking



Art.-No.	PCN	eClass	Connector	Drain connector	FG	Needle length (mm)	PU
VK00269	17485131	34-29-01-01	rubber, grommet	cut down connector	10	195	40
VK00270	17485148	34-29-01-01	QL f, QL m	cut down connector	10	195	40



ORIFLEX IV • 400 ml

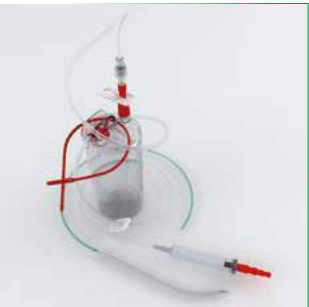
OP system: 100% vacuum, tube length 1080 mm, with a vacuum indicator and integrated scale division, two slide clamps and quick binder

Redon drain: 500 mm, 140 mm crossperforated, with an X-ray contrast line and length marking



Art.-No.	PCN	eClass	Connector	Drain connector	Chamber with non-return valve	FG	Needle length (mm)	PU
VK00373 ³	17485556	34-29-01-01	QL f, QL m	screw connector	–	10	195	30
VK00539	17486403	34-29-01-01	QL f, QL m	cut down connector	–	10	195	30
VK00540	17486426	34-29-01-01	QL f, QL m	cut down connector	•	10	195	30
VK00374 ³	17485585	34-29-01-01	QL f, QL m	screw connector	–	12	200	30
VK00555	17486478	34-29-01-01	QL f, QL m	cut down connector	–	12	200	30
VK00556 ¹	17486490	34-29-01-01	QL f, QL m	cut down connector	–	14	200	30
VK00545 ²	17486432	34-29-01-01	QL f, QL m	cut down connector	–	16	200	30

¹ DEHP-free ² one slide clamp ³ Label



ORIFLEX V • 600 ml

OP system: 100% vacuum, tube length 1080 mm, with a vacuum indicator and scale division, two slide clamps and quick binder

Redon drain: 500 mm, 140 mm crossperforated, with an X-ray contrast line and length marking



Art.-No.	PCN	eClass	Connector	Drain connector	Chamber with non-return valve	FG	Needle length (mm)	PU
VK00316	17485384	34-29-01-01	QL f, QL m	cut down connector	•	10	195	20
VK00322	17485415	34-29-01-01	QL f, QL m	cut down connector	–	10	200	20
VK00317	17485390	34-29-01-01	QL f, QL m	cut down connector	•	12	200	20
VK00324	17485421	34-29-01-01	QL f, QL m	cut down connector	–	12	200	20
VK00326 ¹	17485438	34-29-01-01	QL f, QL m	cut down connector	–	14	200	20
VK00319	17485409	34-29-01-01	QL f, QL m	cut down connector	•	16	200	20
VK00327	17485444	34-29-01-01	QL f, QL m	cut down connector	–	16	200	20

¹ DEHP-free

Bloodletting

Bloodletting is an applied healing method that has been known since ancient times. The phlebotomy bottle is used in combination with phlebotomy instruments, while our Venoflex blood-thinning guarantees a particularly hygienic and fast implementation.



Venoflex • 450 ml

- 100% vacuum
- tube length 1080 mm
- with a vacuum indicator and scale division
- one slide clamp
- quick binder



Art.-No.	PCN	eClass	Connector	Adapter	PU
VK00095	17483994	34-29-01-01	rubber	LL pos	25

Accessory

The connectors are optimal for establishing a connection between a reservoir and Redon drain. The drainage attachment is suitable for sizes FG 6-18.



Redon Connection Tube Universal

- tube length 1080 mm



Art.-No.	PCN	eClass	Connector	Drain connector	Slide clamp	PU
VK00378	17485591	34-29-01-01	-	cut down connector	-	50
VK00383	17485622	34-29-01-01	grommet	cut down connector	•	50
VK00384	17485639	34-29-01-01	QL m	cut down connector	•	50



Low Vacuum

PROTECT SENSITIVE STRUCTURES

Low Vacuum

A GENTLE SOLUTION FOR SENSITIVE STRUCTURES

The Golden Mean

Low-vacuum systems ensure a particularly **gentle, tissue-sparing drainage of wound fluid** or other secretions. The aim is to drain excess fluid. The required vacuum is manually produced by compressing the reservoir. The sterile drain tube ensures reliable and permanent drainage of the respective secretions without adhering to the tissue. This prevents lesions and ensures a removal as painless as possible. The integrated non-return valve prevents drained secretions from flowing back into a patient's body. This minimises the risk of cross-contamination and retrograde wound infection.

A manual squeezing of the bellow provides immediate suction to drain wound secretion or fluid from a wound cavity.

Vacuum generation

Connector

Our Oriplast bellows are available with a screw or cut down connector, as well as a Luer/Record adapter, and, as a result, provide a **universal connection option** to, for example, a Redon drain.



Cut down connector



Luer/Record-Steck



UK-Connector

Redon drain

The Redon drain is connected with a drain adapter and serves as an access point to a patient's wound fluid. Our Redon drains are available in different perforations and sizes. They come with an X-ray contrast line and a length marking.

Redon needle

The pre-connected disposable guide needle is made of **high-quality stainless steel** and enables an optimal drain placement.

OP System

Our manually compressible bellows with a silicone drain are used for gentle postoperative wound drainage in sensitive tissue. The transparent bellows allow a quick assessment of the drained secretion or liquid.



Mini Pack

- Silicone drain:**
- 500 mm
 - 140 mm crossperforated
 - X-ray contrast line
 - length marking



Art.-No.	PCN	eClass	Volume (ml)	Drain connector	FG	PU
VK00100	17484048	34-29-01-02	150	Luer/Record-Steck	10	50

Ward System

The manually compressible bellow is optimal for replacing the bellow of a low vaccum OP system.



Mini Pack

- ward bellow for Mini Pack
- safe and secure connection
- for application of drain size FG 6-18



Art.-No.	PCN	eClass	Volume (ml)	Drain connector	PU
VK00476	17486076	34-29-03-92	20	cut down connector	25
VK00483	17486136	34-29-03-92	150	cut down connector	15
VK00484	17486142	34-29-03-92	150	universal connector	15

Complete Set

The complete set, consisting of bellows, a Redon drain and a trocar, works with a manually generated low vacuum. The advantage of this system is the reduction of blood loss and suction. It is used postoperatively.



Mini Pack

- Redon drain:** 500 mm, perforation length 70 mm, with an X-ray contrast line and length marking
- Redon needle:** 60 mm



Art.-No.	PCN	eClass	Volume (ml)	Drain connector	FG	Perforation	PU
VK00472	17486024	34-29-01-02	20	cut down connector	6	perforated	25
VK00473	17486030	34-29-01-02	20	universal connector	6	perforated	25
VK00474	17486047	34-29-01-02	20	cut down connector	8	crossperforated	25
VK00475	17486053	34-29-01-02	20	universal connector	8	crossperforated	25
VK00479	17486082	34-29-01-02	150	cut down connector	6	perforated	15
VK00480	17486099	34-29-01-02	150	universal connector	6	perforated	15
VK00481	17486107	34-29-01-02	150	cut down connector	8	crossperforated	15
VK00482	17486113	34-29-01-02	150	universal connector	8	crossperforated	15

Aktive / Passive System

The system includes active and passive wound drainage. It consists of a bellow and a secretion bag.



Low Vacuum System

- Bellow:** volume 350 ml, tube length 1080 mm, QL connection, with non-return valve, screw cap and quick binder



Art.-No.	PCN	eClass	Drain connector	Slide clamp	Secretion bag Volume (ml)	Non-return valve	Bottom drain valve	PU
VK00102	17484054	34-29-01-02	Luer-Steck	••	450	•	•	25
VK00104	17484108	34-29-01-02	Luer/Record-Steck, Adapter	••	450	•	•	25
VK00487	17486159	34-29-01-02	cut down connector	••	450	•	•	25
VK00497	17486188	34-29-01-02	screw connector	••	450	•	•	25
VK00505	17486225	34-29-01-02	screw connector	••	-	-	-	25
VK00105	17484120	34-29-01-02	straight connector	•••	-	-	-	25

Aktive / Passive Complete System

The complete system is suitable for gentle and active wound drainage by using manually compressible bellows. The system also provides passive wound drainage via gravity. The system consists of a bellow, secretion bag, Redon drain and a trocar.



Low Vacuum System

- Bellow:** volume 350 ml, tube length 1080 mm, QL connection, two slide clamps, plug connector, screw cap and quick binder
- Secretion bag:** volume 450 ml, with non-return valve and bottom drain valve
- Redon drain:** 500 mm, crossperforated, with an X-ray contrast line and length marking **Redon needle:** 60 mm



Art.-No.	PCN	eClass	Drain connector	FG	Perforation length (mm)	PU
VK00495	17486171	34-29-01-02	cut down connector	8	140	25
VK00503	17486202	34-29-01-02	cut down connector	10	60	25
VK00103	17484083	34-29-01-02	cut down connector	10	140	25
VK00506	17486254	34-29-01-02	screw connector	10	140	25
VK00504	17486219	34-29-01-02	screw connector	14	60	25
VK00492	17486165	34-29-01-02	cut down connector	14	70	25

Drain Set

This drain set is suitable for a gentle drainage of secretion fluids from a wound area. The bag has a particularly strong foil material and ensures optimal patient care.



Secretion Drainage Set

- Secretion bag:** volume 450 ml, tube length 1080 mm, with non-return valve and bottom drain valve
- Redon drain:** 800 mm, 140 mm crossperforated, X-ray contrast line and length marking



Art.-No.	PCN	eClass	Drain connector	FG	PU
VK00509	17486260	34-29-01-02	screw connector	12	100

Suction Set

Silicone reservoirs with a non-return valve and universal suspension in conjunction with flat drainage are of fundamental importance for accelerating wound healing through the so-called assisted drainage of wound secretions. These are used particularly for sensitive tissue structures, e.g. in areas close to the nerves. A constant gentle vacuum is created with the help of the manual compressible reservoir.



Suction Set with Flat Drain

- Silicone reservoir:**
 - volume 100 ml
 - non-return valve
- Flat drain:**
 - length 1000 mm



Art.-No.	PCN	eClass	Width (mm)	Hight (mm)	Perforation	PU
VK00022	17483416	34-29-01-02	7	4	full perforated	25
VK00021	17483385	34-29-01-02	10	4	¾ perforated	25
VK00023	17483422	34-29-01-02	10	4	full perforated	25

Accessory

The selected accessories are compatible with our low vacuum product range. These are used for continuous assisted drainage of wound secretion.



Secretion Replacement Bag for Low Vacuum System

- Secretion bag:**
 - volume 450 ml
 - non-return valve
 - bottom drain valve
 - screw cap



Art.-No.	PCN	eClass	Connector	PU
VK00889	17488313	34-29-03-92	QL f	25



Silicone Reservoir

- non-return valve
- with a fine graduation
- mounting clip



Art.-No.	PCN	eClass	Volume (ml)	PU
VK00010	17483310	34-29-03-04	100	25



Redon Drain

MAINTAIN NATURAL FUNCTION

Redon Drain

AN ESSENTIAL FOR SURGICAL WOUND CARE

Acceleration of Wound Healing

Redon drains serve hygienic secretion drainage, for example from joints, subcutaneous or subfascial tissue, the epidural space or areas below the epicranial aponeurosis. They are placed intra-operatively inserted directly into the wound area. Our Redon drains are combined with our ORIFLEX systems from the high, medium and low vacuum product groups.

The plastic material is relatively rigid and is not placed in vulnerable tissues. The drain, like any other drain, is fixed to the skin to avoid accidental dislocation. This prevents constant short-range removal and reinsertion of the drain.

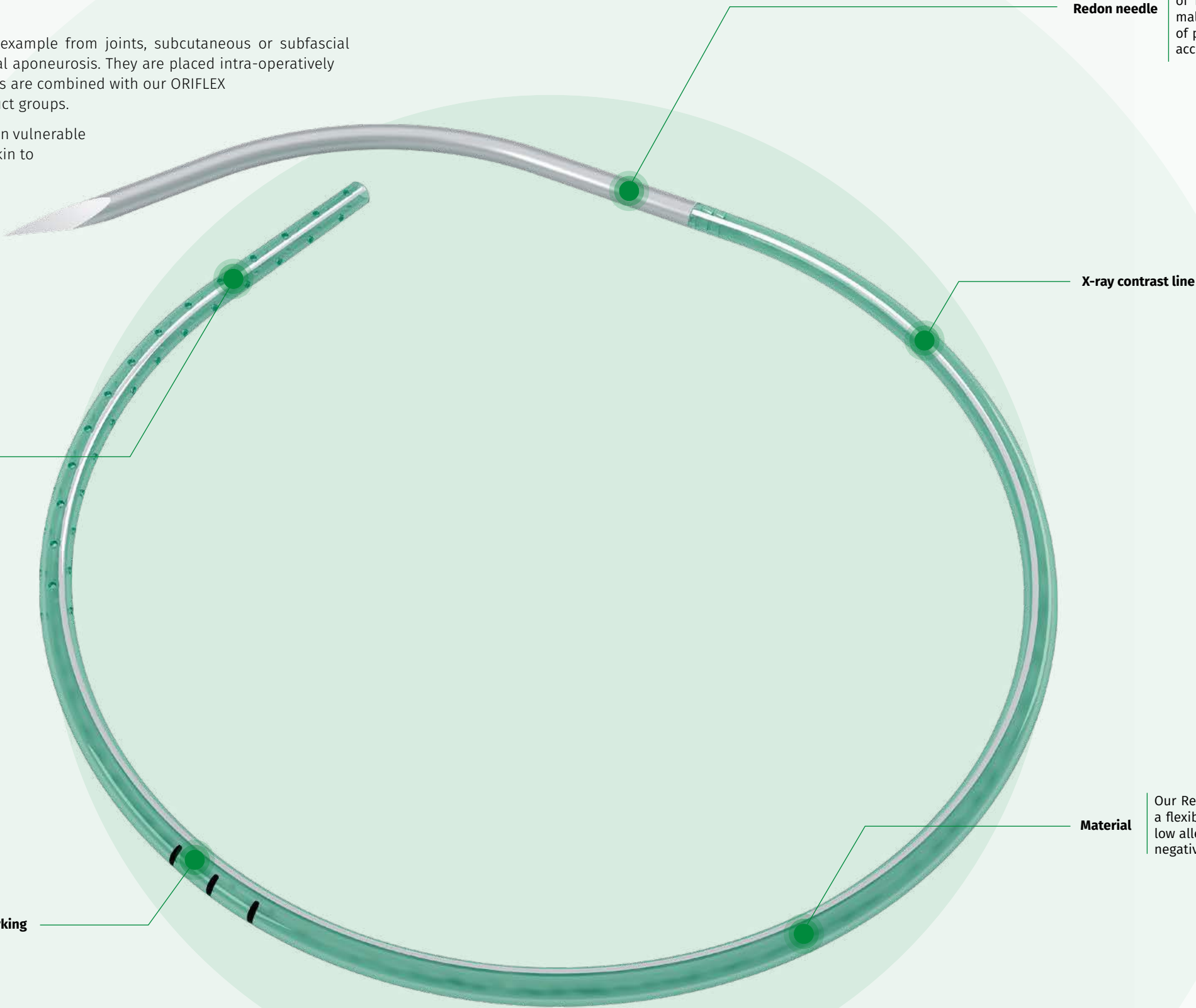
The perforation allows **safe and hygienic suction** of wound secretion from a wound area. The correct type of Redon drain should be used depending on the amount and type of secretion to be drained. Our range includes perforated and cross-perforated Redon drains, with carefully rounded eyes. The perforation length may also vary, depending on your need.

The length marking allows **exact placement** of the drain in a wound area. One can quickly and easily detect whether the drain has slipped based on the three markings. Length markings also allow convenient repositioning.

Our Redon drain is pre-connected to suitable trocar sizes. The sharply ground trocar tip is made of high-quality stainless steel and allows optimal placement of the Redon drain. The choice of puncture needle depends on the length of the access path or the organ system.

For an uncomplicated follow-up check, our Redon drains contain an X-ray contrast line, which is visible during an X-ray procedure to detect the drain placement

Our Redon drains are made of medical PVC, which is a flexible and solid material. The main benefit is the low allergy potential. These can also be used without negative pressure.



Redon Drainage with Mini Trocar

The suction drains are used in conjunction with bellows of the low vacuum group. The drains are also used with high and medium vacuum systems. In special cases, they can be connected with gravity systems as well. The resulting low volume collection is due to the expected low volume of wound fluid.



Redon Mini Suction Drain

Redon drain:

- 500 mm
- 70 mm perforated
- with an X-ray contrast line and length marking

Redon needle:

- 60 mm



Art.-No.	PCN	eClass	FG	Perforation	PU
VK00098	17484025	34-29-01-01	6	perforated	100
VK00099	17484031	34-29-01-01	8	crossperforated	100

Redon Drainage with Trocar

The high-vacuum drain is placed in a surgical area after invasive surgical interventions. The drain is suitable for the ORIFLEX surgical systems. It enhances rapid merging of the wound edges. The trocar is suitable for precise placement of suction drainage.



Suction Drain

Redon drain:

- 140 mm crossperforated
- with an X-ray contrast line and length marking



Art.-No.	PCN	eClass	FG	Lenght (mm)	Needle length (mm)	PU
VK00069	17483741	34-29-01-01	8	500	200	50
VK00051	17483534	34-29-01-01	10	800	195	50
VK00074	17483793	34-29-01-01	10	500	195	50
VK00052	17483540	34-29-01-01	12	800	195	50
VK00078	17483830	34-29-01-01	12	500	200	50
VK00081	17483876	34-29-01-01	14	500	200	50
VK00084	17483907	34-29-01-01	16	500	200	50
VK00088	17483959	34-29-01-01	18	500	200	50

Redon Drainage without Trocar

High-vacuum drainage is placed in a surgical wound after invasive surgical interventions. The drainage is suitable for the ORIFLEX surgical systems. It benefits a rapid wound healing.



Suction Drain

- X-ray contrast line
- length marking



Art.-No.	PCN	eClass	FG	Length (mm)	Perforation	Perforation length (mm)	PU
VK00058	17483600	34-29-01-01	6	500	perforated	70	100
VK00059	17483617	34-29-01-01	6	500	perforated	140	100
VK00036	17483505	34-29-01-01	8	800	middle perforated	140	100
VK00067	17483712	34-29-01-01	8	500	crossperforated	70	100
VK00068	17483729	34-29-01-01	8	500	crossperforated	140	100
VK00085	17483913	34-29-01-01	8	700	crossperforated	70	100
VK00072	17483770	34-29-01-01	10	500	crossperforated	70	100
VK00073	17483787	34-29-01-01	10	500	crossperforated	140	100
VK00045	17483511	34-29-01-01	10	800	crossperforated	140	100
VK00076	17483818	34-29-01-01	12	500	crossperforated	70	100
VK00077	17483824	34-29-01-01	12	500	crossperforated	140	100
VK00046	17483528	34-29-01-01	12	800	crossperforated	140	100
VK00079	17483847	34-29-01-01	14	500	crossperforated	70	100
VK00080	17483853	34-29-01-01	14	500	crossperforated	140	100
VK00082	17483882	34-29-01-01	16	500	crossperforated	70	100
VK00083	17483899	34-29-01-01	16	500	crossperforated	140	100
VK00086	17483936	34-29-01-01	18	500	crossperforated	70	100
VK00087	17483942	34-29-01-01	18	500	crossperforated	140	100

Accessory

The carefully selected accessories are ideally suited for the connection of a Redon drain and are suitable for a range of individual purposes.



Distribution Line 2-way

- with slide clamp



Art.-No.	PCN	eClass	Tube length + extention (mm)	Connector	Adapter	Connection	PU
VK00257	17485059	34-22-10-91	1650 + 200	Sherwood 1x Fistel-LL neg	2x screw connector	LL	20



Distribution Line 3-way

- with slide clamp



Art.-No.	PCN	eClass	Tube length + extention (mm)	Connector	Adapter	Connection	Cap	PU
VK00253 ¹	17485013	34-22-10-91	–	step connector 1x Fistel-LL neg	3x screw connector	–	–	20
VK00261	17485088	34-22-10-91	1000 + 2000	Sherwood 1x Fistel-LL neg	3x screw connector	LL	•	15
VK00262	17485094	34-22-10-91	1000 + 2000	Sherwood 1x Fistel-LL neg	3x screw connector	QL	•	15
VK00263	17485102	34-22-10-91	1650 + 70	Sherwood 1x Fistel-LL neg	3x screw connector	QL	•	15
VK00258	17485065	34-22-10-91	1650 + 200	Sherwood 1x Fistel-LL neg	3x screw connector	LL	•	20
VK00259	17485071	34-22-10-91	1650 + 200	Sherwood 1x Fistel-LL neg	3x screw connector	QL	•	20

¹ DEHP-free



Distribution Line 4-way

- with slide clamp



Art.-No.	PCN	eClass	Connector	Adapter	PU
VK00254	17485042	34-22-10-91	step connector 1x Fistel-LL neg	4x screw connector	20



Distribution Adapter

- secure connection e.g. for connection tubes



Art.-No.	PCN	eClass	Adapter	PU
VK00035	17483497	34-22-10-92	QL f, grommet	100



Gravity
HARNESS THE EARTH'S POWER

Gravity

INTRA AND POSTOPERATIVE DRAINAGE

Passive Drainage

Gravity systems in the form of passive drains are used for continuous drainage of gases or liquids from a body cavity. They are particularly important for the post-surgical, secretion or air drainage, which may enter the body over the following days.

Fluids accumulate under gravity at the lowest point of the body or in wound and abscess cavities. The perforated drain drains secretion from the bottom of the respective cavity directly into a more deeply positioned, sterile collection bag.

Carefully processed atraumatic eyes for secretion collection.

Prevents the reflux of secretion into a wound area.

The versatile quick binder is ideal for attaching the secretion bag at a patient's bed. If necessary, it can be used as a carrying aid for a patient's secretion bag.

Perforation

Non-return valve

Quick binder

Drain adapter

Depending on the application, different connectors are available: straight connector, Luer-Lock positive with polyisoprene adapter, Luer adapter, step connector or funnel connector.

Central opening

The gently rounded opening ensures a soft drainage and minimises tissue irritations.

Drain

Our first-class drains are made of 100% tissue-friendly, medical silicone. The drain choice depends on the application. The size choice is influenced by the organ system, size of the retention, location of the retention in relation to neighbouring structures or the nature of the aspirate obtained. Redon drains can also be placed without suction and can be connected to a secretion bag.

X-ray contrast line

All drains come with an X-ray contrast line.

Secretion bag

The high-quality latex-free bag is equipped with a finely graded scale and lets the user attach indispensable notes on the bag. A pre-connected bag allows immediate use of the closed system.

Bottom drain valve

The simple design of the valve allows easy and fast sampling. Our bags are equipped with or without a bottom drain.

Silicone Drain

The soft flat drain is suitable for shallow drains due to its flat shape and inner ribs. The capillary drain uses adhesion to drain the secretion upwards into a bandage. The abdominal round drain dissipates, thanks to gravity, the secretion from the lowest point into a secretion bag.



Flat Drain (Jackson Pratt)

- length 1000 mm



Art.-No.	PCN	eClass	Width (mm)	Height (mm)	Perforation	PU
VK00013	17483356	34-29-02-90	7	4	full perforated	25
VK00011	17483327	34-29-02-90	7	4	¾ perforated	25
VK00014	17483362	34-29-02-90	10	4	full perforated	25
VK00012	17483333	34-29-02-90	10	4	¾ perforated	25



Capillary Drain (Penrose)

- with white an X-ray contrast line



Art.-No.	PCN	eClass	Width (mm)	Height (mm)	PU
VK00024	17483439	34-29-02-03	6	300	25
VK00025	17483451	34-29-02-03	8	300	25
VK00026	17483468	34-29-02-03	10	300	25
VK00027	17483474	34-29-02-03	10	100	30
VK00028	17483480	34-29-02-03	12	300	25



Round Drain

- with an X-ray contrast line



Art.-No.	PCN	eClass	FG	Length (mm)	Perforation length (mm)	Perforation	Adapter	PU
VK00155	17484456	34-29-02-90	8	500	70	crossperforated	-	25
VK00152	17484427	34-29-02-90	10	500	70	crossperforated	-	25
VK00153	17484433	34-29-02-90	10	500	140	crossperforated	-	25
VK00146	17484344	34-29-02-90	15	800	240	crossperforated	-	25
VK00017	17483379	34-29-02-90	15	1300	230	crossperforated	Luer-Steck	25
VK00148	17484373	34-29-02-90	12	250	-	5 lateral eyes	-	25
VK00149	17484396	34-29-02-90	12	500	-	5 lateral eyes	-	25
VK00145	17484338	34-29-02-90	15	500	-	5 lateral eyes	-	25
VK00144	17484321	34-29-02-90	16	500	-	5 lateral eyes	-	25
VK00156	17484462	34-29-02-90	18	250	-	5 lateral eyes	-	25
VK00157	17484479	34-29-02-90	18	500	-	5 lateral eyes	-	25
VK00158	17484485	34-29-02-90	21	250	-	5 lateral eyes	-	25
VK00159	17484491	34-29-02-90	21	500	-	5 lateral eyes	-	25
VK00150	17484410	34-29-02-90	24	500	-	2 lateral eyes	-	25
VK00160	17484516	34-29-02-90	24	250	-	5 lateral eyes	-	25
VK00161	17484522	34-29-02-90	24	500	-	5 lateral eyes	-	25
VK00162	17484539	34-29-02-90	25	500	-	5 lateral eyes	-	25
VK00164	17484545	34-29-02-90	27	500	-	5 lateral eyes	-	25
VK00165	17484551	34-29-02-90	27	600	-	5 lateral eyes	-	25
VK00166	17484568	34-29-02-90	30	250	-	5 lateral eyes	-	25
VK00167	17484574	34-29-02-90	30	500	-	5 lateral eyes	-	25
VK00168	17484580	34-29-02-90	30	600	-	5 lateral eyes	-	25
VK00534 ¹	17486389	34-29-02-90	30	600	-	10 lateral eyes	-	25
VK00169	17484597	34-29-02-90	36	250	-	5 lateral eyes	-	25
VK00583	17486596	34-29-02-90	36	500	-	1 lateral eyes	-	25
VK00535 ¹	17486395	34-29-02-90	36	500	-	5 lateral eyes	-	25
VK00170	17484605	34-29-02-90	36	500	-	5 lateral eyes	-	25
VK01101	-	34-29-02-90	36	700	-	15 lateral eyes	-	-

¹ beveled end

Silicone Drain System

The Robinson-type drainage system forms a closed wound drainage system. The secretion bag cannot be changed. The drain is suitable for intra-abdominal placement and draining without suction. In terms of the two-part system, the bag is replaceable.



Two-part Drain System

Secretion bag: volume 450 ml, with non-return valve and bottom drain valve, quick binder

Drain: 1000 mm, 5 lateral eyes, with an X-ray contrast line



Art.-No.	PCN	eClass	FG	Drain connector	PU
VK00187	17484717	34-29-01-03	12	Luer/Record-Steck	20
VK00192	17484769	34-29-01-03	15	Luer-Steck	20
VK00203	17484829	34-29-01-03	20	Luer-Steck	20
VK00202	17484812	34-29-01-03	21	Luer-Steck	20
VK00210	17484864	34-29-01-03	24	step connector	20
VK00216	17484887	34-29-01-03	27	step connector	20
VK00220	17484918	34-29-01-03	30	step connector	20



Closed Silicone Drain System (Typ Robinson)

Secretion bag: volume 450 ml, tube length 100 mm, non-return valve and bottom drain valve, 2x quick binder

Drain: 1000 mm with an X-ray contrast line



Art.-No.	PCN	eClass	FG	Perforation length (mm)	Perforation	PU
VK00182	17484686	34-29-01-03	10	70	crossperforated	20
VK00185	17484700	34-29-01-03	12	-	5 lateral eyes	20
VK00188	17484723	34-29-01-03	14	-	5 lateral eyes	20
VK00190	17484746	34-29-01-03	15	-	5 lateral eyes	20
VK00191	17484752	34-29-01-03	16	-	5 lateral eyes	20
VK00194	17484775	34-29-01-03	18	-	5 lateral eyes	20
VK00198	17484798	34-29-01-03	20	-	5 lateral eyes	20
VK00197	17484781	34-29-01-03	21	-	5 lateral eyes	20
VK00204	17484835	34-29-01-03	24	-	5 lateral eyes	20
VK00206	17484841	34-29-01-03	26	-	5 lateral eyes	20
VK00213 ¹	17484870	34-29-01-03	27	-	5 lateral eyes	20
VK00217	17484901	34-29-01-03	30	-	5 lateral eyes	20

¹ non sterile

ORTHOFLEX

The ORTHOFLEX system can be used as gravity drainage. The stable and unique bottle design makes it easy for a patient to hold and facilitates mobility.



OP System

- volume 450 ml
- tube length 1080 mm
- two slide clamps
- screw cap
- quick binder



Art.-No.	PCN	eClass	Connector	Drain connector	Syringe holder filter (µm)	PU
VK00389	17485645	34-29-01-03	QL	screw connector	0,2	25



Ward System

- volume 450 ml
- two slide clamps
- screw cap
- quick binder



Art.-No.	PCN	eClass	Connecor	Syringe holder filter (µm)	PU
VK00396	17485697	34-29-01-03	QL	0,2	25

Biliary Drain

The gravity drain is specifically applicable to drain bile.



Biliary Drain (Neuhaus)

- high-quality medical silicone



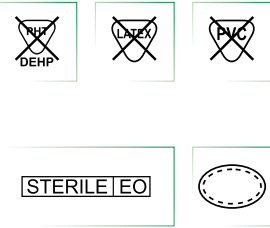
Art.-No.	PCN	eClass	FG	Length (mm)	Perforation length (mm)	Perforation	PU
VK01077	17489554	34-29-02-90	6	650	70	middle perforated	25
VK01094	17489672	34-29-02-90	7	600	-	-	25
VK01090	17489620	34-29-02-90	7	600	70	crossperforated	25
VK01076	17489548	34-29-02-90	7	650	70	middle crossperforated	25
VK01095	17489689	34-29-02-90	9	600	-	-	25
VK01091	17489637	34-29-02-90	9	600	70	crossperforated	25
VK01075	17489531	34-29-02-90	9	650	70	middle crossperforated	25

Art.-No.	PCN	eClass	FG	Length (mm)	Perforation length (mm)	Perforation	PU
VK00571	17486515	34-29-02-90	9	1000	70	middle crossperforated	25
VK01096	17489695	34-29-02-90	12	600	-	-	25
VK01092	17489643	34-29-02-90	12	600	70	crossperforated	25
VK00572	17486544	34-29-02-90	12	1000	-	middle 5 lateral eyes	25
VK00573	17486550	34-29-02-90	21	1000	-	middle 5 lateral eyes	25



Silicone-T-Drain (Kehr)

- bridge length 160 mm
- with an X-ray contrast line



Art.-No.	PCN	eClass	FG	Length (mm)	Bridge perforation	PU
VK00174	17484611	34-29-02-04	12	500	-	25
VK00201	17484806	34-29-02-04	12	700	crossperforated	25
VK00176	17484628	34-29-02-04	15	500	-	25
VK00209	17484858	34-29-02-04	15	700	crossperforated	25
VK00178	17484634	34-29-02-04	18	500	-	25
VK00180	17484663	34-29-02-04	20	500	-	25
VK00183	17484692	34-29-02-04	24	500	-	25
VK00222	17484924	34-29-02-04	24	500	crossperforated	25



Biliary Drain System

- volume 450 ml
- with non-return valve
- bottom drain valve



Art.-No.	PCN	eClass	Drain connector	PU
VK00892	17488359	34-29-01-03	Pipette connector	50

Accessory

The accessories are suitable for collecting bile, for use in conjunction with a T-drain or for collecting secretion fluid.

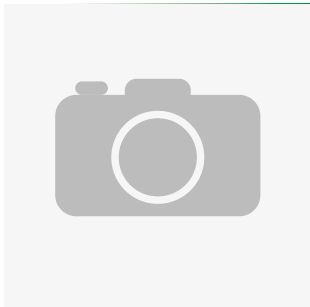


T-Drain Bag

- volume 1500 ml
- with non-return valve
- without bottom drain valve
- protection cap



Art.-No.	PCN	eClass	Adapter	PU
VK00911	17488514	34-29-03-05	Luer/Record-Steck	100

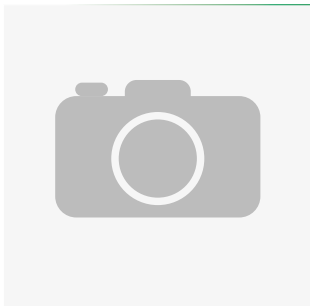


Secretion Replacement Bag

- volume 450 ml
- with non-return valve
- bottom drain valve
- two quick binder



Art.-No.	PCN	eClass	Adapter	FG	PU
VK00891	17488342	34-29-03-92	Luer-Steck	12-18	25
VK00890	17488336	34-29-03-92	step connector	20-36	100



Secretion Bag Universal

- tube length 900 mm
- volume 1500 ml
- without bottom drain valve



Art.-No.	PCN	eClass	Non-return valve	Adapter	PU
VK01053	17489353	34-29-02-13	-	Luer-Steck with Polyisopren, adapter	100
VK00912 ¹	17488520	34-29-03-05	•	Luer-Steck with Polyisopren, adapter	100

¹ contains DEHP



Silicone Tube Section

- tube length 800 mm



Art.-No.	PCN	eClass	FG	PU
VK00919	17488566	34-29-02-11	12	100



Silicone Extension

- tube length 150 mm



Art.-No.	PCN	eClass	FG	PU
VK00921	17488589	34-29-01-92	18	100



Connection Adapter

- adapter for connection same or different connectors



Art.-No.	PCN	eClass	Adapter	PU
VK00898	-	34-29-02-92	Luer-Steck	100



Pleural Puncture

MEET PRECISE GOALS

Pleural Puncture

RECONSTRUCTION OF THE RESPIRATORY SYSTEM

Special Puncture Method

Utensils for pleural puncture are particularly vital in emergency medicine: They are used for immediate removal of e.g. fluid from the chest (pleural effusion) impairing the patient's breathing. In addition to such a therapeutic thoracocentesis, diagnostic pleural puncture is also important, which allows for the sterile extraction and analysis of the effusion.

Possible causes of pleural effusion are e.g. inflammatory changes, tumour diseases, traumatic injuries and heart diseases. The puncture is performed under local anaesthesia with the patient sitting or lying down.

The transparent, three-part syringe is designed for quick and easy connection to the cannula with a **Luer-Lock connector**. The syringe has a volume of 50 ml.

Syringe

Our pleural puncture set includes a 14G cannula. Thanks to the Luer attachment, this can be connected quickly and easily and is ready for use immediately.

Cannula

The adapter is suitable for the **secure connection** of a cannula.

Luer-Lock adapter

Connection tube

The transparent connection tube is provided with a Luer-Lock and offers numerous options for connection to a secretion bag, which is used for **hygienic and safe drainage** of body fluids.

Three-way stopcock extension

Easy handling thanks to a the three-way valve.

Secretion bag

Our secretion bags are available in 450 ml, 1500 ml and 2000 ml volumes. All secretion bags are provided with a precise and legible scale.

Pleural Puncture Set

This compact set is used in the diagnostic and therapeutic puncture of the intrapleural space e.g. in the presence of a pleural effusion.



Pleural Puncture Set

Secretion bag: tube length 900 mm, with non-return valve, LL pos, three-way stopcock (blue)

Syringe: 50 ml



Art.-No.	PCN	eClass	Volume (ml)	Bottom drain valve	Union cap	Cannula (G)	PU
VK00134	17484284	34-29-02-12	1500	-	-	14	50
VK00140	17484315	34-29-02-12	1500	-	•	14	50
VK00135	17484290	34-29-02-12	1500	-	-	-	50
VK00136	17484309	34-29-02-12	2000	•	-	14	50

Accessory

The exchange bag is suitable for collecting secretion fluids from the pleural cavity.



Secretion Bag

- tube length 900 mm



Art.-No.	PCN	eClass	Volume (ml)	Non-return valve	Bottom drain valve	Adapter	Protection cap	PU
VK00918	17488543	34-29-03-92	1500	•	-	LL neg	-	100
VK01070	17489502	34-29-03-05	1500	-	-	LL neg	-	100



Thoracic Drainage System

A VITAL SOURCE OF LIFE

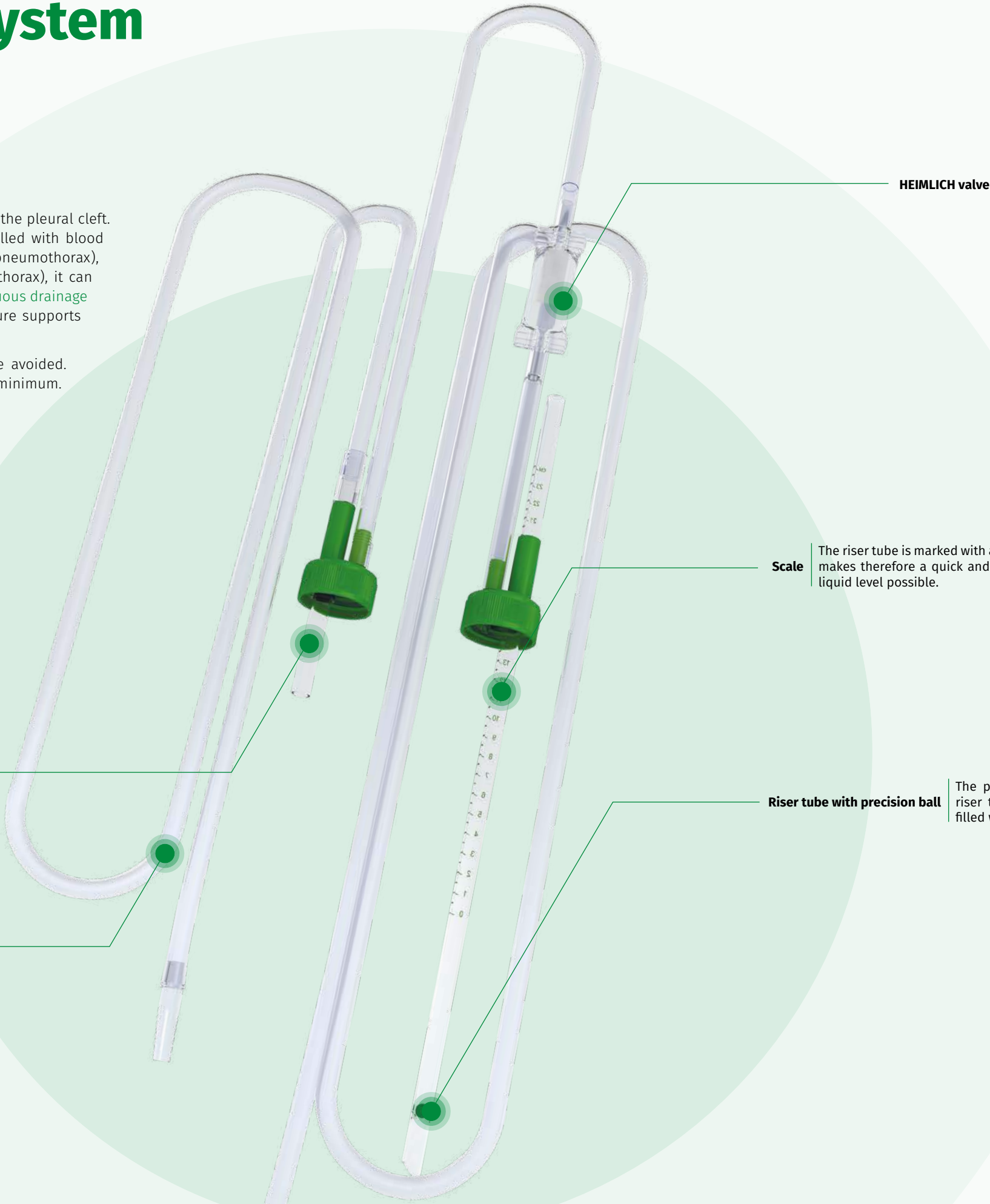
Thoracic Drainage System

THE INNER LIFE

Traditional Drainage Systems

Thoracic drainage systems are used for sterile removal of fluids or air from the pleural cleft. They are mainly used intra and post-operatively. If the pleural space is filled with blood (haemothorax), air (pneumothorax), a combination of both (haematopneumothorax), lymphatic fluid (chylothorax), pus (pleural emphysema) or secretion (serothorax), it can significantly hinder the patient's breathing. In these cases, a **reliable, continuous drainage** is potentially life-saving or eases breathing. The regulated negative pressure supports the complete expansion of the lungs.

At the same time, contamination of the chest cavity with germs must be avoided. Airtight and sterile access reduces the risk of ascending infection to a minimum. Maximum safety is provided by an integrated non-return valve.



The valve is inserted between the thoracic catheter and the patient tube. This particular valve prevents the return flow of air/secretion into the pleural cavity, for example, to avoid the enlargement of a pneumothorax.

HEIMLICH valve

The riser tube is marked with a **precision scale** and makes therefore a quick and easy reading of the liquid level possible.

Scale

The precision ball indicates the water column in the riser tube. To rebuild negative pressure, the bottle is filled with water that provides resistance.

Riser tube with precision ball

The short tube is suitable for draining the secretion.

Drip tube

Our THORAFLEX systems are also equipped with a transparent vacuum tube. An external vacuum source can be connected easily.

Vacuum tube

THORAFLEX

The 1, 2 or 3-chamber systems drain blood, secretion or air from the pleural space. By opening the intercostal space, the sub-atmospheric pressure can be maintained or restored.



THORAFLEX - One-Bottle System

- volume 1000 ml
- with vacuum tube
- step connector
- control-marked riser tube



Art.-No.	PCN	eClass	Patient tube (mm)	HEIMLICH valve	PU
VK00295	17485208	34-29-03-02	1500	•	12



THORAFLEX - Two-Bottle System

- volume 1000 ml
- with vacuum tube
- step connector
- control-marked riser tuber



Art.-No.	PCN	eClass	Patient tube (mm)	Non-return valve	Fixed drip tube	Precision balls	Grid reinforcement	PU
VK00064	17483669	34-29-03-02	1500	-	-	-	-	4
VK00298	17485237	34-29-03-02	1500	•	•	-	•	4
VK00297	17485220	34-29-03-02	1500	•	•	•	-	4
VK00296	17485214	34-29-03-02	2450	-	•	-	-	4

THORAFLEX - Three-Bottle System

- volume 1000 ml
- with vacuum tube
- step connector



Art.-No.	PCN	eClass	Volume (ml)	Patient tube (mm)	PU
VK00075	17483801	34-29-03-02	1000	1100	4

Accessory

The versatile accessories are tailored to the systems.



THORAFLEX – Screw Attachment for 1-Bottle System

- with vacuum tube
- step connector



Art.-No.	PCN	eClass	Patient tube (mm)	Fixed drip tube	Grid reinforcement	PU
VK00053	17483557	34-29-01-01	1500	-	-	20
VK00054 ²	17483563	34-29-01-01	1500	-	-	20
VK00055 ²	17483586	34-29-01-01	1500	-	•	20
VK00056 ¹	17483592	34-29-01-01	1500	•	-	20

¹ without marked riser pipe ² contains DEHP



THORAFLEX – Screw Attachment for 2-Bottle System

- with vacuum tube
- step connector
- marked riser tube



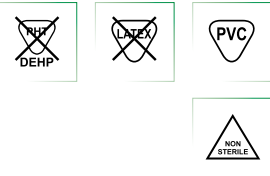
Art.-No.	PCN	eClass	Patient tube (mm)	Fixed drip tube	Precision balls	Screw attachment	PU
VK00062 ³	17483646	34-29-03-92	1500	••	-	••	20
VK00063 ²	17483652	34-29-03-92	1500	-	•	-	20
VK00066 ¹	17483706	34-29-03-92	1500	•	•	-	20
VK00061	17483623	34-29-03-92	1650	•	-	••	20

¹ with non-return valve ² with HEIMLICH valve ³ two step connector



Front Bottle

- volume 1000 ml



Art.-No.	PCN	eClass	Suction tube (mm)	PU
VK00302	17485295	34-29-03-92	60	15



Replacement Bottle

- volume 1000 ml



Art.-No.	PCN	eClass	Srew cap (mm)	PU
VK00109	17484137	34-29-01-91	-	20



THORAX Drainage Connector

- patient tube 1600 mm
- 4x Robert clamp
- protection cap



Art.-No.	PCN	eClass	Connector	PU
VK00582	17486573	34-29-03-92	3x step connector 1x Sherwood 1x Fistel-LL neg	20



Y-Connector

- connector for thoracic drain
- with two screw cap



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00886	17488299	34-29-03-92	2x 200	2x step connector	100



HEIMLICH Valve

- with screw cap



Art.-No.	PCN	eClass	Connector	Enclosed connector	VE
VK00230	17484999	34-29-03-92	2x step connector	rubber with LL pos	50



Screw Cap

- cap for QL female



Art.-No.	PCN	eClass	Colour	PU
VK00231	17485007	34-29-03-92	white	100



Secretion Bag with HEIMLICH Valve

- volume 450 ml
- tube length 500 mm
- with non-return valve
- bottom drain valve



Art.-No.	PCN	eClass	Connector	HEIMLICH valve	Enclosed adapter	PU
VK01008	17489175	34-38-04-04	2x step connector	•	LL pos	50



Surgical Suction
RELIABLE CLARIFICATION

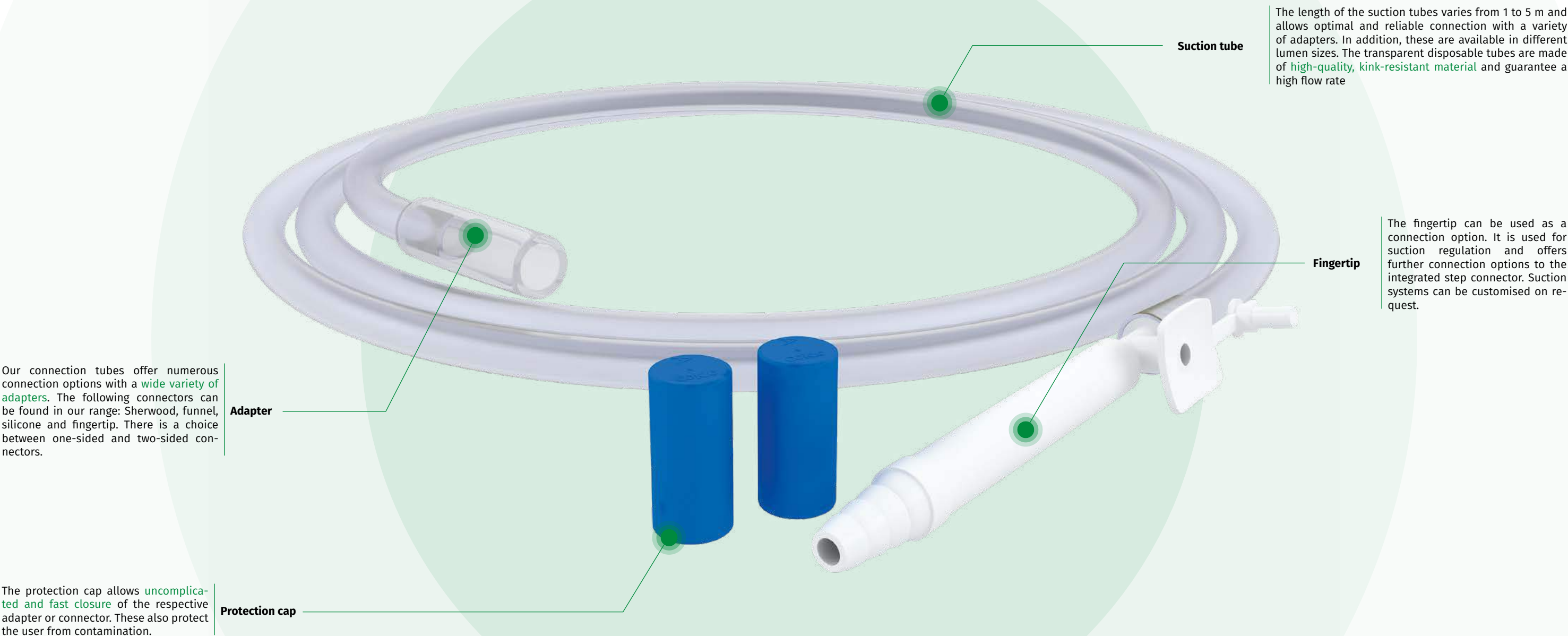
Surgical Suction

FLEXIBLE SURGICAL SUCTION SYSTEMS

Systems for any need

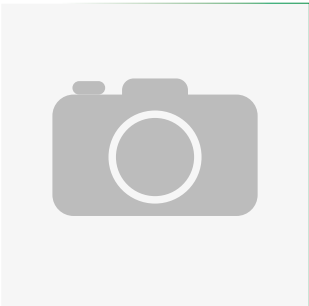
Surgical suction systems are designed for the suction of fluids and tissue residues. They are mainly used during surgery to keep the operating area clean and maintain an overview or remove rinsing fluid that has been applied.

Surgical suction systems remove solid and liquid substances quickly and reliably without clogging.



Suction Complete Set

The set can be used for an extraction of body fluids. It consists of a suction tube, a Redon drain and a disposable Redon needle.



Quad Pack

Tube: with slide clamp

Redon drain: 500 mm, 140 mm crossperforated, with an X-ray contrast line and length marking

Redon needle: straight form



Art.-No.	PCN	eClass	Tube length (mm)	Secretion stop	Connector	FG	PU
VK00512	17486277	34-24-13-90	1080	•	cut down connector	10	50

Suction Tube

Surgical suction tubes are suitable for the suction of body fluids. These are available in a different range of design and size.



Suction Connecting Tube

- for connecting suction pump and handpiece



Art.-No.	PCN	eClass	FG	Tube length (mm)	Connector	Endcap (without thread)	PU
VK00005	17483273	34-24-13-05	18	1800	two-sided silicone connector	-	100
VK00006	17483296	34-24-13-05	18	1800	silicone connector, LL pos	-	50
VK00129 ¹	17484255	34-24-13-05	25	1500	two-sided Sherwood	-	50
VK00128	17484249	34-24-13-05	25	1600	two-sided silicone connector	-	50
VK00131	17484278	34-24-13-05	25	1600	silicone connector, fingertip	-	50
VK00527	17486366	34-24-13-05	25	1600	one-side Sherwood	-	50
VK00529	17486372	34-24-13-05	25	1600	Sherwood, fingertip	-	50
VK00516	17486308	34-24-13-05	25	2000	two-sided Sherwood	-	50
VK00112	17484166	34-24-13-05	25	2100	two-sided funnel connector (grey)	-	50
VK00518	17486314	34-24-13-05	25	2400	two-sided Sherwood	-	50
VK00113	17484172	34-24-13-05	25	3000	two-sided funnel connector (grey)	-	50
VK00119	17484195	34-24-13-05	25	3000	funnel connector (grey)	-	50
VK00519	17486320	34-24-13-05	25	3000	two-sided Sherwood	-	50
VK00523 ^{2/3}	17486337	34-24-13-05	25	3000	two-sided Sherwood	-	50
VK00524 ³	17486343	34-24-13-05	25	3000	Sherwood, silicone connector	-	50
VK00120	17484203	34-24-13-05	25	3500	funnel connector (grey), Sherwood	-	50

Art.-No.	PCN	eClass	FG	Tube length (mm)	Connector	Endcap (without thread)	PU
VK00007	17483304	34-24-13-05	27	1000	two-sided silicone connector	-	50
VK00127	17484232	34-24-13-05	27	1300	two-sided silicone connector	-	50
VK00126	17484226	34-24-13-05	27	1900	two-sided silicone connector	-	50
VK00130	17484261	34-24-13-05	27	3000	silicone connector, fingertip	-	50
VK00001 ³	17483267	34-24-13-05	33	1800	silicone connector, fingertip	2x blue	50
VK00111	17484143	34-24-13-05	40	1900	step connector	-	25

1 with slide clamp 2 soft tube 3 DEHP-free

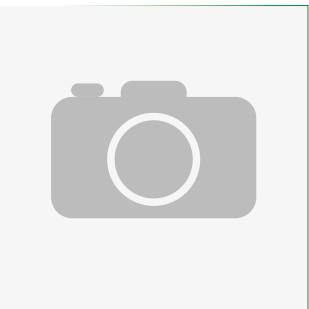


Connection Tube

Tube: soft material



Art.-No.	PCN	eClass	FG	Tube length (mm)	PU
VK01060	17489413	34-29-01-91	25	2200	50
VK00115	17484189	34-24-13-05	25	3000	50



Suction Tube

- with Y-connector



Art.-No.	PCN	eClass	FG	Tube length (mm)	PU
VK00916	17488537	34-29-01-01	28	280	50

Fingertip

The fingertip is an essential aid for secretion suction. The round tip part makes it possible to open or close the fingertip, which ultimately regulates and guarantees gentle suction.



Fingertip

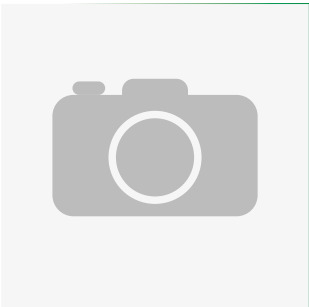
- with round thumb-control valve



Art.-No.	PCN	eClass	Connector	PU
VK00950	17488796	34-24-13-07	-	100
VK00951	17488804	34-25-11-92	LL pos	100
VK00952	17488810	34-24-13-07	Luer-Steck	100

Secretion Bag

The latex-free collection bag is used to collect secretion and, with the help of a bottom drain valve, makes it easy and fast to take samples.



OP Secretion Bag

- tube length 900 mm
- volume 2000 ml
- with non-return valve
- bottom drain valve



Art.-No.	PCN	eClass	Connector	PU
VK00893	17488371	34-24-13-91	Luer-Steck with Polyisopren (Set), adapter	100

Suction

The Yankauer suction device provides a gentle and efficient suction method without aspiration of surrounding tissue. It can be connected to a fingertip, which allows a regulation of vacuum by thumb or finger pressure.



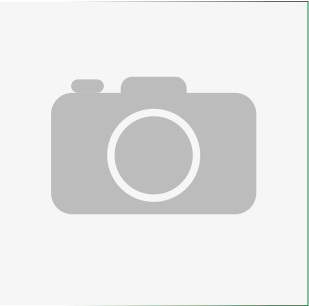
Yankauer

- angled suction tip
- without suction hose



Art.-No.	PCN	eClass	FG	Length (mm)	PU
VK00228	17484982	34-24-13-01	12	275	100
VK00227	17484976	34-24-13-01	18	280	100
VK00226	17484953	34-24-13-01	22	275	100

Adapter



Tube Adapter



Art.-No.	PCN	eClass	FG	Length (mm)	Connector	PU
VK00515	17486283	34-24-13-92	25	150	two-sided Sherwood	100



Secretion Suction

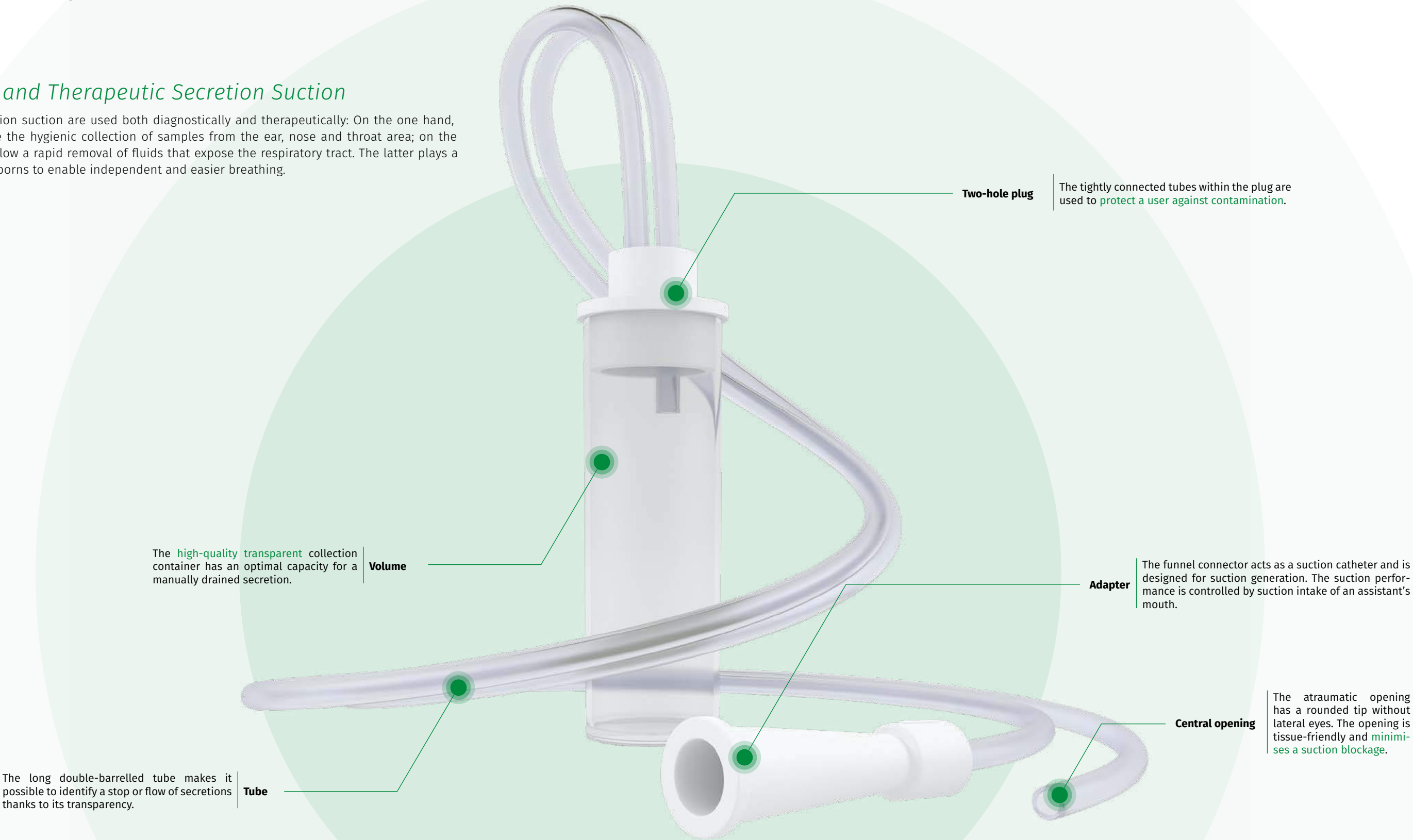
RELEASE GENTLY

Secretion Suction

AIRWAY CLEARANCE

Diagnostic and Therapeutic Secretion Suction

Products for secretion suction are used both diagnostically and therapeutically: On the one hand, they make possible the hygienic collection of samples from the ear, nose and throat area; on the other hand, they allow a rapid removal of fluids that expose the respiratory tract. The latter plays a special role in newborns to enable independent and easier breathing.



Suction Device

The mucus extractor is especially suitable for newborns. The suction power is controlled by suction via mouth of the assistant. The tracheal suction kit is applicable for extracting body fluids from the tracheal space.



Mucus Extractor

- for newborns
- volume 25 ml

DEHP

Latex

PVC

STERILEEO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	FG	PU
VK01017 ¹	17489206	34-24-13-91	300	LL neg	12	50
VK00942	17488744	34-24-13-91	450	funnel connector (blue)	8	50
VK00941	17488738	34-24-13-91	450	funnel connector (white)	12	50

¹ contains DEHP



Tracheal Suction (Set)

- break-proof test tube
- transparent tube 13,5 ml
- enclosed: sealing plug

Latex

PVC

STERILEEO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	FG	Fingertip	PU
VK00945	17488767	34-24-13-91	2x 80	funnel connector (green)	14	•	50
VK00944	17488750	34-24-13-91	80, 100	funnel connector (green), step connector	14, 6-18	-	50



Infusion and Transfusion
TARGET MAINTENANCE

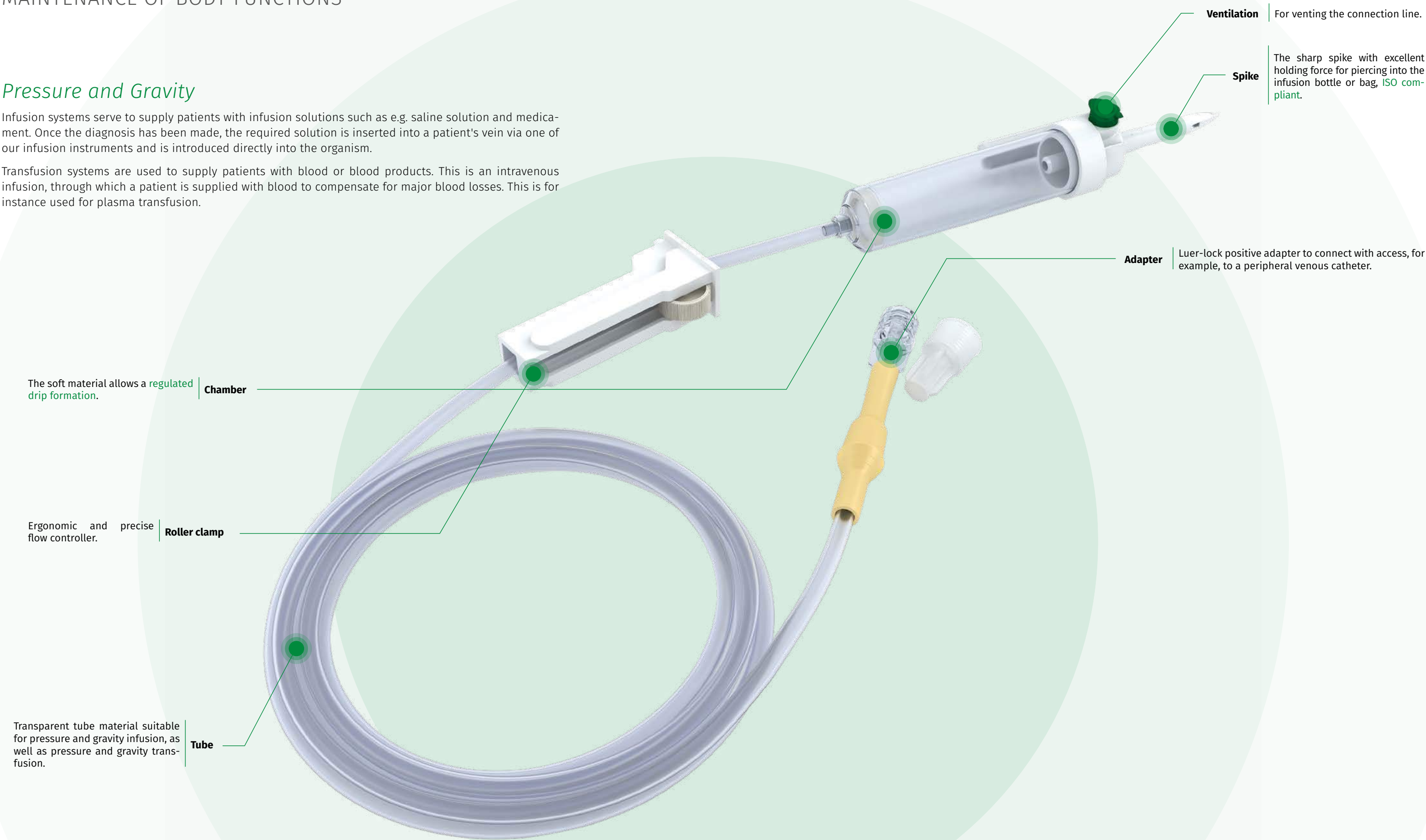
Infusion and Transfusion

MAINTENANCE OF BODY FUNCTIONS

Pressure and Gravity

Infusion systems serve to supply patients with infusion solutions such as e.g. saline solution and medication. Once the diagnosis has been made, the required solution is inserted into a patient's vein via one of our infusion instruments and is introduced directly into the organism.

Transfusion systems are used to supply patients with blood or blood products. This is an intravenous infusion, through which a patient is supplied with blood to compensate for major blood losses. This is for instance used for plasma transfusion.



Ventilation For venting the connection line.

Spike The sharp spike with excellent holding force for piercing into the infusion bottle or bag, ISO compliant.

Adapter Luer-lock positive adapter to connect with access, for example, to a peripheral venous catheter.

The soft material allows a regulated drip formation.

Chamber

Ergonomic and precise flow controller.

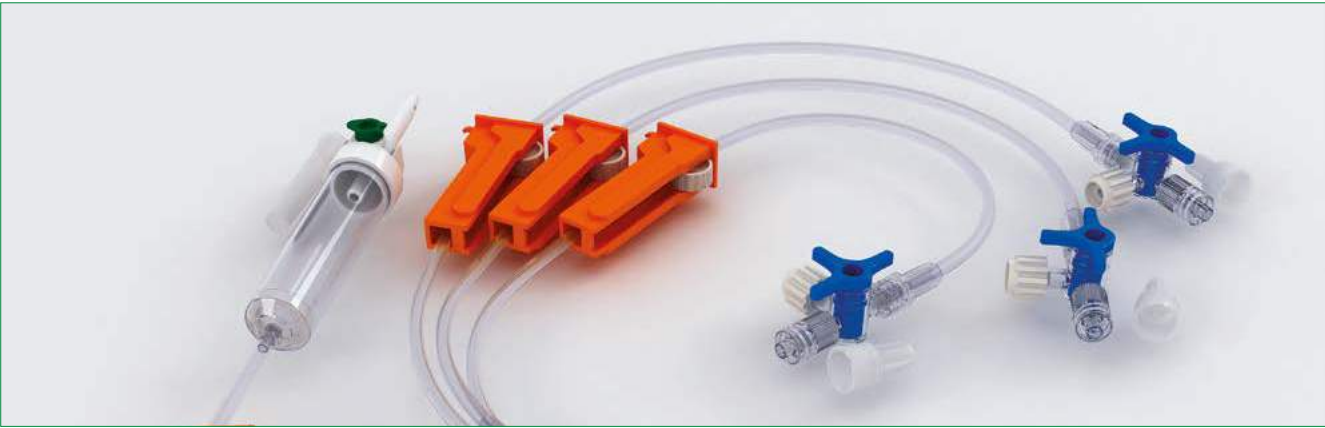
Roller clamp

Transparent tube material suitable for pressure and gravity infusion, as well as pressure and gravity transfusion.

Tube

Pressure Infusion

The device is used to connect the infusion container with an intravenous access. These are used for introduction of fluid quantities into the body.



Infusion Device P

- with plastic spike
- chamber with 15 µm filter
- roller clamp

DEHP

PVC

STERILE | EO

Art.-No.	PCN	eClass	Tube length (mm)	Venting filter (µm)	Connector	Three-way stopcock	Extension (mm)	Non-return valve	PU
VK00609 ^{2/6}	17486780	34-22-06-02	1400 + 750	3	LL pos	-	-	-	40
VK00813 ²	17487816	34-22-06-02	1400 + 750	3	LL pos	-	-	-	50
VK00800 ⁶	17487704	34-22-06-02	1500 + 3x 360	3	LL pos	3x blue (with union cap)	-	-	50
VK00587	17486610	34-22-06-02	1700	-	LL pos	-	-	-	50
VK00803 ^{3/6}	17487756	34-22-06-02	1700	3	LL pos	2x blue	150	•	40
VK00601 ⁵	17486722	34-22-06-02	1850	3	LL pos	-	-	-	50
VK00608	17486768	34-22-06-02	1900	3	LL pos	-	-	-	50
VK00610 ^{1/6}	17486797	34-22-06-02	1900 + 750	3	LL pos	-	-	-	40
VK00851 ^{4/6}	17488052	34-22-06-02	1900	3	LL pos	2x white (with union cap)	100	•	40
VK00802	17487727	34-22-06-02	2000	3	LL pos	1x blue	150	•	40
VK00849 ⁶	17488023	34-22-06-02	2000	3	LL pos	1x white (with union cap)	200	•	40
VK00850 ⁶	17488046	34-22-06-02	2000	3	LL pos	2x white (with union cap)	100	•	20
VK00811	17487785	34-22-06-02	2300	3	LL pos	-	-	-	40

1 with retaining ring 2 with retaining ring and pump segment 3 not disconnectable 4 disconnectable 5 with injection part 6 contains DEHP

Gravity Infusion

The device is suitable for connecting the infusion container with an intravenous or intra-arterial access and are used to introduce amounts of fluid into the body by gravity.



Infusion Device G

- plastic spike
- chamber with 15 µm filter
- 3 µm venting filter
- roller clamp

DEHP

PVC

STERILE | EO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	Three-way stopcock	Extension (mm)	Non-return valve	PU
VK00611	17486805	34-22-06-02	1700	LL pos (with Polyisopren)	-	-	-	50

Pressure Transfusion

The transfusion device is suitable for connecting the transfusion container with an intravenous access and allows a transfusion of blood or blood products into the body.



Transfusion Device P

- transfusion double chamber
- plastic spike
- LL pos adapter
- roller clamp

DEHP

PVC

STERILE | EO

Art.-No.	PCN	eClass	Tube length (mm)	Filter (µm)	PU
VK00594	17486662	34-22-06-04	1700	40	100
VK00591 ¹	17486633	34-22-06-04	1700	200	100
VK00592	17486656	34-22-06-04	1700	200	100

1 without double chamber

Gravity Transfusion

The gravity transfusion devices connect the transfusion container with an intravenous access and allows the introduction of blood or blood products into the body by gravity.



Transfusion Device G

- transfusion chamber with 200 µm filter
- plastic spike
- LL pos with Polyisopren
- roller clamp



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00590	17486627	34-22-06-04	1700	100

Transfusion Special

These devices are individual solutions suitable for connecting the transfusion container generally with an intravenous access, which allow the introduction of blood or blood products into the body.



Transfusion Device

- with transfusion chamber



Art.-No.	PCN	eClass	Tube length (mm)	Champer with filter (µm)	Connector	Three-way stopcock	Slide clamp	PU
VK00596	17486685	34-22-06-04	40	40	-	blue	-	100
VK00595	17486679	34-22-06-04	40	200	-	blue	-	100
VK00598 ¹	17486716	34-22-06-04	50	40	LL neg	-	•	100
VK00597 ^{1/2}	17486691	34-22-06-04	50	200	LL neg	-	•	100

¹ double chamber ² with transfusion tip

Accessory

The extensive range of accessories for infusion and transfusion therapy ranges from extensions, three-way valves, connectors, filters, caps, adapters, central venous pressure instruments and a non-return valve through to transition systems. We will be happy to adapt the offer to your individual needs.



Blood Warming Line

- Ø 3,00 x 4,10 mm
- LL neg und LL pos adapter
- with roller clamp



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00644	17486969	34-22-06-91	3500	50
VK00647	17486975	34-22-06-91	4600	50

Extension / Supply Line / Line



Pressure Tube

- Ø 1,5 x 3,00 mm (thick wall)
- pressure stable up to 8 bar



Art.-No.	PCN	eClass	Tube length (mm)	Line	Adapter	PU
VK00586	17486604	34-22-06-92	100	red line (arterial)	LL pos, LL neg	100
VK00723	17487466	34-22-06-92	300	-	LL pos, LL neg	100
VK00758	17487549	34-22-06-92	500	red line (arterial)	LL pos, LL neg	100
VK00727	17487472	34-22-12-91	900	-	LL pos, LL neg	100
VK00730	17487489	34-22-12-91	1200	-	LL pos, LL neg	100
VK00732	17487495	34-22-06-92	1500	-	LL pos, LL neg	100
VK00764	17487555	34-22-06-92	1500	red line (arterial)	LL pos, LL neg	100
VK00748	17487532	34-22-06-92	1500	blue line (venous)	LL pos, LL neg	100
VK00780	17487561	34-22-06-92	1500	yellow line	LL pos, LL neg	100
VK00781	17487578	34-22-06-92	1500	yellow line	two-sided LL pos	100
VK00734	17487503	34-22-06-92	1800	-	LL pos, LL neg	100
VK00736	17487526	34-22-06-92	2100	-	LL pos, LL neg	100



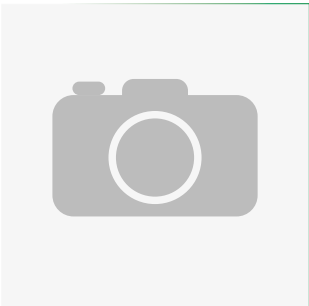
Infusion Extension Line

- drug resistant extension piece
- Ø 3,00 x 4,10 mm



Art.-No.	PCN	eClass	Tube length (mm)	Connector	Roller clamp	Spike	Non-return valve	PU
VK00633	17486892	34-22-12-07	100	LL pos, LL neg	-	-	-	100
VK00639 ²	17486923	34-22-12-07	150	LL pos, LL neg	-	-	-	100
VK00818	17487845	34-22-12-07	185	LL neg	-	-	•	100
VK00640 ¹	17486946	34-22-12-07	400	LL pos, LL neg	-	-	-	100
VK00636	17486900	34-22-12-07	500	LL pos, LL neg	-	-	-	100
VK00637	17486917	34-22-12-07	750	LL pos, LL neg	-	-	-	100
VK00819 ³	17487851	34-22-12-07	750	LL pos, LL neg	-	-	-	100
VK00651	17486981	34-22-12-07	1400	LL pos, LL neg	-	-	-	100
VK00664	17487041	34-22-12-07	1400	two-sided LL pos	-	-	-	100
VK00858	17488141	34-22-12-07	1400	two-sided LL pos	orange	-	-	50
VK00656	17487012	34-22-12-07	1500	LL pos, LL neg	-	-	-	100
VK00825	17487868	34-22-12-07	1500	LL neg	-	-	•	100
VK01078 ³	17489583	34-22-06-92	1800	LL pos	orange	with venting	-	50
VK00655	17487006	34-22-12-07	2000	LL pos, LL neg	-	-	-	100
VK00642	17486952	34-22-12-07	3000	LL pos, LL neg	-	-	-	50
VK00652	17486998	34-22-12-07	3200	LL pos, LL neg	-	-	-	50
VK00658 ¹	17487029	34-22-12-07	4500	LL pos, LL neg	-	-	-	25
VK00826 ³	17487874	34-22-12-07	6000	LL pos, LL neg	-	-	-	50
VK00660	17487035	34-22-12-07	7000	LL pos, LL neg	-	-	-	25

1 double sterile packed 2 with robert clamp 3 DEHP-free



Dialysis Inline Infusion Line

- Ø 3,00 x 4,10 mm
- with infusion chamber



Art.-No.	PCN	eClass	Tube length (mm)	Connector	Roller clamp	PU
VK00713	17487383	34-22-06-92	1400	LL pos, LL pos	orange	50



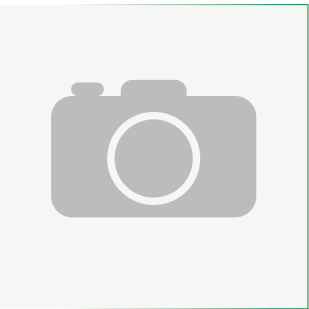
Perfusion Line

- Ø 1,50 x 2,75 mm
- with LL pos und LL neg adapter



Art.-No.	PCN	eClass	Tube length (mm)	Non-return valve	Slide clamp	PU
VK00672	17487070	34-22-06-92	100	-	•	100
VK00676 ¹	17487087	34-22-06-92	300	-	-	100
VK00677	17487093	34-22-06-92	500	-	-	100
VK00670	17487058	34-22-06-92	800	•	-	100
VK00678	17487101	34-22-06-92	1500	-	-	100
VK00832	17487905	34-22-06-92	1500	•	-	100
VK00829	17487880	34-22-06-92	1500	-	-	100
VK00831 ¹	17487897	34-22-06-92	1500	-	-	100
VK00840	17487957	34-22-06-92	2000	-	-	100
VK00683	17487147	34-22-06-92	2000	-	-	100
VK00680	17487118	34-22-06-92	3000	-	-	100
VK00837	17487934	34-22-06-92	3000	•	-	100
VK00681	17487124	34-22-06-92	4500	-	-	50
VK00682	17487130	34-22-06-92	6000	-	-	50
VK00671	17487064	34-22-06-92	10000	-	-	50

1 PVC-free



Perfusion Line PERFLEX P

- Ø 1,50 x 2,75 mm
- with LL pos und LL neg adapter
- lipid resistant
- yellow



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00834	17487911	34-22-06-92	1500	100
VK00835	17487928	34-22-06-92	2000	100
VK00838	17487940	34-22-06-92	9000	50



Mini Line PERFLEX P

- Ø 1,00 x 2,10 mm
- yellow



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00843	17487963	34-22-06-92	200	LL pos, LL neg (lipid resistant)	100
VK00816	17487822	34-22-06-92	250	LL pos, LL neg	100
VK00844	17487992	34-22-06-92	1500	LL pos, LL neg (lipid resistant)	100
VK00845	17488000	34-22-06-92	1500	Luer-Steck (with union cap), LL neg (lipid resistant)	100



Mini Line

- Ø 1,20 x 2,20 mm
- for an easy extension of sets



Art.-No.	PCN	eClass	Tube length (mm)	Connector	Robert clamp	PU
VK00686	17487199	34-22-06-92	250	LL pos, LL neg	–	100
VK00687	17487213	34-22-06-92	250	Luer-Steck, LL neg	–	100
VK00688	17487236	34-22-06-92	300	LL pos, LL neg	•	100
VK00685 ¹	17487182	34-22-06-92	1500	LL pos, LL neg	–	100

¹ Ø 1,00 x 2,50 mm



Mini Connection Line

- Ø 1,10 x 2,20 mm
- for an easy extension of sets



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00615	17486834	34-22-06-92	250	LL pos, LL neg	100
VK00846	17488017	34-22-06-92	250	LL neg, Luer-Steck	100



Micro Volume Line

- Ø 0,50 x 2,05 mm
- for easy extension of sets



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00618	17486840	34-22-06-92	1500	LL pos, LL neg	100



Connection Line

- Ø 1,20 x 2,20 mm
- for easy extension of sets



Art.-No.	PCN	eClass	Tube length (mm)	Venting filter (µm)	Three-way stopcock	Connector	Roller clamp	PU
VK00605 ¹	17486745	34-22-06-92	115	–	red (with union cap)	LL pos, LL neg	–	100
VK00604 ²	17486739	34-22-06-92	250	–	blue (without union cap)	LL pos, LL neg	–	100
VK00881 ^{3/4}	17488276	34-22-06-92	1700	3	–	Luer-Steck with Polyisopren, injection part	•	50

¹ arterial ² venous ³ Ø 3,00 x 4,10 mm ⁴ contains DEHP



CON-Line

- Ø 1,20 x 2,20 mm
- with LL pos (with union cap) und LL neg adapter



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00684	17487176	34-22-06-92	330	100



Saline Line

- Ø 3,00 x 4,10 mm



Art.-No.	PCN	eClass	Tube length (mm)	Chamber with particle filter (µm)	Connector	Roller clamp	PU
VK00799	17487673	34-22-06-92	1500 + 150	–	LL pos, LL with Polyisopren	white	50
VK00714	17487408	34-22-06-92	1700 + 150	15	two-sided LL pos	orange	50
VK00882	17488282	34-22-06-92	1850 + 150	–	two-sided LL pos	orange	50

Three-way Stopcock



Stopcock Manifold

- LL pos adapter



Art.-No.	PCN	eClass	Tube length (mm)	Three-way stopcock	PU
VK00789	17487609	34-22-06-92	100	3x white (without Union cap)	50



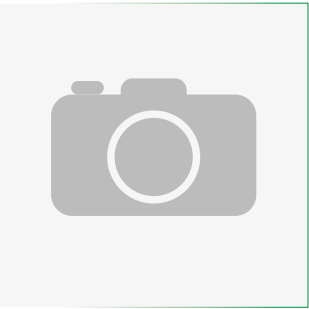
3-Stopcock Manifold Set

- blue, white and red three-way stopcock
- LL pos adapter at the extension
- three-way stopcock (blue) at the tube extension



Art.-No.	PCN	eClass	Tube length (mm)	Three-way stopcock	PU
VK00791 ¹	17487615	34-22-06-92	1800	with extension 150 mm	50
VK00788	17487590	34-22-06-92	2000	with union cap	50

¹ contains DEHP



Three-way Stopcock

- three-way stopcock system for infusion therapy and monitoring
- suitable for pressure infusion systems
- LL



Art.-No.	PCN	eClass	Three-way stopcock	Screw cap	PU
VK01056	17489382	34-22-06-92	blue (with union cap)	–	100
VK00692	17487265	34-22-06-92	blue (with union cap)	••	100
VK00693	17487271	34-22-06-92	red (with union cap)	••	100



Three-way Stopcock with Extension

- drug-resistant intermediate piece



Art.-No.	PCN	eClass	Tube length (mm)	Extension adapter	Colour	PU
VK00696	17487288	34-22-06-92	100	LL pos	blue	100
VK00852 ²	17488069	34-22-06-92	100	LL pos	blue	100
VK00703	17487319	34-22-06-92	250	LL pos	blue	100
VK00854 ²	17488081	34-22-06-92	250	LL pos	blue	100
VK00710 ¹	17487354	34-22-06-92	300	LL pos	blue	100
VK00701 ^{1/2}	17487302	34-22-06-92	300	LL pos	blue	100
VK00704	17487325	34-22-06-92	500	LL pos	blue	100
VK00707	17487331	34-22-06-92	850	LL pos	blue	50
VK00697 ¹	17487294	34-22-06-92	100	LL pos	red	100
VK00709 ^{1/2/3}	17487348	34-22-06-92	150	LL pos	red	100

¹ with union cap ² DEHP-free ³ with red line



Three-way Stopcock Set

- Three-way stopcock blue (with union cap)

Syringe: 50 ml



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK01061	17489436	34-22-06-92	300, 900	LL pos, LL neg	20

Connector



Y-Connector

- 2x LL pos connector with non-return valve
- 1x LL pos adapter without non-return valve



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00874	17488201	34-22-12-92	1x 400 + 2x 350	50



Micro Connection Line - Duplex

- tube length 45 mm
- 2x LL neg adapter
- LL pos adapter



Art.-No.	PCN	eClass	Non-return valve	PU
VK00817	17487839	34-22-06-92	•	50
VK00619 ¹	17486857	34-22-06-92	•	50

¹ contains DEHP



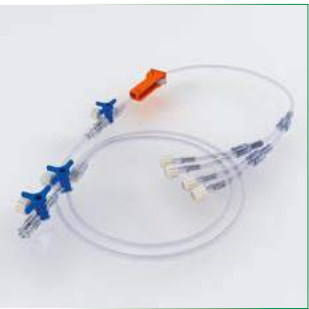
SL-3 Connector

- tube length 250 mm and 3x 150 mm
- 3x LL pos and 1x LL neg adapter



Art.-No.	PCN	eClass	Robert clamp	PU
VK00801 ¹	17487710	34-22-06-92	••••	50
VK00857	17488135	34-22-06-92	••••	50

¹ contains DEHP and PVC



SL-4 Connector

- 1x LL pos adapter
- 4x LL neg adapter



Art.-No.	PCN	eClass	Tube length (mm)	Roller clamp	Non-return valve	Three-way stopcock	IN plug	PU
VK00626	17486863	34-22-06-92	510	orange	-	-	-	50
VK00720 ^{1/2}	17487437	34-22-06-92	1000	orange	-	2x blue (with union cap) 1x blue (without union cap)	-	30
VK00718	17487420	34-22-06-92	1500	-	•	2x blue (with union cap)	white	50

¹ double sterile packed ² DEHP- and PVC-free

Adapter



Tube Adapter

- tube length 75 mm
- FG 42



Art.-No.	PCN	eClass	Connector	PU
VK00580	17486567	34-22-06-92	one-sided step connector	30

Filter



Infusion Flat Filter

- flat filter 0,2 µm

DEHP

DEHP

PVC

STERILE

EO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	Non-return valve	PU
VK00812	17487791	34-22-12-05	220	LL pos, LL neg	•	100



Injection Filter

- flat filter 0,2 µm

DEHP

DEHP

PVC

STERILE

EO

Art.-No.	PCN	eClass	Connector	PU
VK00856	17488106	34-22-12-05	LL pos, LL neg	100

Cap



Protection Cap

- for LL neg adapter

DEHP

DEHP

PVC

STERILE

EO

Art.-No.	PCN	eClass	Colour	PU
VK00712	17487377	34-22-06-92	white	100



IN Stopper

- for LL connections

DEHP

DEHP

PVC

STERILE

EO

Art.-No.	PCN	eClass	Colour	PU
VK00711	17487360	34-22-06-92	white	100

Central Venous Pressure



CVP Set

DEHP

DEHP

PVC

STERILE

EO

Art.-No.	PCN	eClass	Measuring tube (mm)	Connector	Three-way stopcock	PU
VK00606 ¹	17486751	34-22-06-92	1000, 1300, 1500	connector (blue), LL pos, infusion device P	orange	50
VK00689 ²	17487242	34-22-06-92	1000, 1800	LL pos, connector (blue)	-	50

¹ infusion device P with 3 µm venting filter and 15 µm particle filter ² sterile (not double packed)



CVP Measuring Tube

- LL pos adapter with a blue connector

DEHP

DEHP

PVC

STERILE

EO

Art.-No.	PCN	eClass	Measuring tube (mm)	PU
VK00690	17487259	34-22-06-92	1800	50



Transfer Device

- Ø 3,00 x 4,10 mm
- LL neg adapter
- robert clamp



Art.-No.	PCN	eClass	Tube length (mm)	Spike	PU
VK00855	17488098	34-22-06-92	70	without venting	100

Tube



Tube Set

- two LL pos adapter
- robert clamp
- for usage with bipolar forceps



Art.-No.	PCN	eClass	Tube length (mm)	Spike	Roller clamp	PU
VK00804	17487762	34-22-06-92	1x 3500, 2x 200	with venting	white	40



Tourniquet Tube

- Ø 6,00 x 9,00 mm
- transparent medical PVC



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00920	17488572	34-22-06-92	2x 100	300



Transfer System

- Ø 3,00 x 6,00 mm
- LL adapter



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00866	17488164	34-22-06-92	700	step connector	100



Non-Return Valve

- prevents solution or blood from flowing back



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00798	17487667	34-22-06-92	-	LL pos, LL neg	100
VK00629 ¹	17486886	34-22-06-92	20	LL pos, Fistel-LL neg	100

¹ contains PVC



Autotransfusion
THE INNER LIFELOOD

Autotransfusion

SAFE BLOOD TRANSFUSION

Blood Recovery

In the event of acute or chronic blood loss, patients can be administered donor blood components (transfusion). Transfusing blood products carries special risks due to potential incompatibility reactions and the transmission of infectious diseases. It therefore requires special precautions, some of which are even required by law.

Our autotransfusion system is a closed system which collects a patient's blood and returns it to the bloodstream. An autotransfusion can be performed, for example, during surgeries associated with major blood loss. A patient's blood is collected from the operating area, filtered and re-transfused.

Stop or go? Both alternatives are possible. With the help of the clamp the tube can be clamped or opened smoothly and rapidly.

Slide clamp

The handy design makes a uniform drop formation possible.

Chamber

The filter has a pore size of 200 µm. It can prevent a blood clumping and the blood can enter the patient's bloodstream perfectly.

Transfusion filter

The sterile connecting process is designed for a Quick-Lock and Luer-Lock.

Adapter

The chamber has 200 µm filter.

Transfusion chamber

Design Stable, light, easy to handle – the transparent bottle allows a visual examination of the blood.

Non-return valve The non-return valve allows the fluid flow in only one direction and, thus, ensures a **safe flow**.

Venting filter The **bacteria-proof hydrophobic filter** can be closed with a Euro cap.

Scale Fine graduation for precise reading of the fill level for maximum detail accuracy.

Transfer bag

The high-quality transfer bag is used for apheresis. It is essential for collecting a patients' blood. The latex and DEHP-free bag has a fine graduation for an accurate reading of the volume.

ORITRANS

In postoperative autotransfusion, the patient's blood is collected autonomously and, after surgery, returned into the patient's bloodstream by a gravitational transfusion device.



ORITRANS Postoperative Set

- Transfer bag with transfusion chamber:** volume 1000 ml, 200 µm filter
- PETG bottle:** volume 450 ml, venting filter 0,2 µm (hydrophobic), non-return valve
- Transfusion device:** double chamber with 40 µm filter



STERILE | EO



Art.-No.	PCN	eClass	PU
VK00806	17487779	34-22-10-02	10

Distribution Line



Distribution Line 3-Way Set

- tube length 1650 mm
 - extension 200 mmm
- Infusion device P:** enclosed



STERILE | EO



Art.-No.	PCN	eClass	Connector	Adapter	Connection	Non-return valve	PU
VK00265	17485119	34-22-10-90	Fistel-LL neg, Sherwood	3x screw connector	LL	•	15
VK00266	17485125	34-22-10-90	Fistel-LL neg, Sherwood	3x screw connector	QL	-	15



Urology

A SAFE AND GOOD FEELING

Urology

ELEMENTARY COLLECTION SYSTEMS

Maintenance of Urinary Function

Urological collection systems are intended for removal of urine. Urine is drained via a bladder catheter. Our secretion bags – for the collection of various body fluids – can also be used in other areas.

Our comprehensive solutions are equipped with a range of attachments and are also suitable for patients in home care.

Are you interested in individual adaptation of attachments or tubes? Don't hesitate to contact us, we will provide solutions that are tailored to your needs.

Depending on requirements, systems are available with and without filters. The chamber regulates the flow and provides additional safety against germs.

Chamber

Non-return valve

The non-return valve blocks the fluid reflux to the patient and ensures safe drainage.

Slide clamp

Convenient and easy handling of the sliding clamp to prevent secretion return to the patient.

Connector

Universal connector for connecting a catheter.

Graduation

Accurate scale for regular reading of the filling quantity.

Bottom drain valve

Fluid can be easily removed through the vertical drain, for example, for diagnostic purposes.

Urine Bag

The urine bag can be used to collect drained urine. The attachments offer versatile connection options.



Urine Collection Bag

- intended for a catheter connection



Art.-No.	PCN	eClass	Volume (ml)	Tube length (mm)	Non-return valve	Bottom drain valve	Connector	Chamber filter (µm)	PU
VK01059 ¹	17489407	34-38-04-03	1500	30	•	–	LL neg	–	100
VK00980	17488939	34-38-04-03	1500	900	•	–	step connector	–	100
VK00986	17488968	34-38-04-03	1500	900	•	–	LL pos	–	100
VK01020	17489229	34-38-04-03	1500	1080	•	–	LL pos	270	50
VK01032 ³	17489235	34-38-04-04	2000	300	•	•	–	–	100
VK01064 ¹	17489465	34-38-04-04	2000	900	•	•	LL pos	–	100
VK00989	17488997	34-38-04-04	2000	900	•	•	step connector	–	100
VK01019	17489212	34-38-04-04	2000	1080	•	•	LL pos	270	50
VK00978 ^{2/3}	17488922	34-38-04-03	2000	2000	•	•	step connector	–	50

¹ sterile single packed ² with QL connection and slide clamp ³ contains DEHP



UK Urine Bag

- tube length 900 mm
- universal connector



Art.-No.	PCN	eClass	Volume (ml)	Non-return valve	Bottom drain valve	Chamber	Injection part	Slide clamp	PU
VK00995	17489057	34-38-04-03	1500	•	–	–	–	–	100
VK00996	17489063	34-38-04-04	2000	•	•	–	–	–	100
VK00998	17489086	34-38-04-04	2000	•	•	•	• (with LL neg)	•	25
VK00999	17489092	34-38-04-04	2000	•	•	–	• (with LL neg)	•	25

Urine Bag System

The closed urine drainage systems are designed for draining urinary fluid.



Urinary Drainage System

- step connector
- enclosed: cut down connector and cable tie



Art.-No.	PCN	eClass	Volume (ml)	Tube length (mm)	Non-return valve	Bottom drain valve	Chamber filter (µm)	PU
VK00968	17488856	34-38-04-04	2000	900	•	•	270	50



Urine Bag System

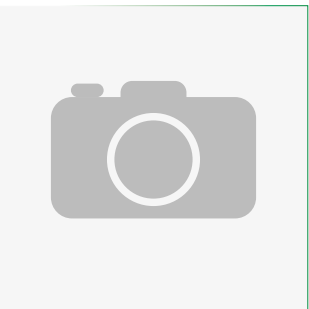
- rinsing set with chamber
- 2x unvented spike
- vented protection cap
- two slide clamps



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00991	17489011	34-38-04-92	1x 1150, 2x 400	step connector with silicone tube extension (150 mm)	50

Secretion Bag

The bags are designed to collect urine drained from urinary catheters.



Roentgen-Lock Bag

- volume 1500 ml
- LL pos adapter



Art.-No.	PCN	eClass	Tube length (mm)	Non-return valve	Bottom drain valve	PU
VK01062	17489442	34-38-04-03	900	–	–	100



Secretion Bag

- with non-return valve



Art.-No.	PCN	eClass	Volume (ml)	Tube length (mm)	Bottom drain valve	Connector	PU
VK00888	17488307	34-38-04-04	450	100	•	LL pos	25
VK00923 ¹	17488595	34-38-04-04	450	900	•	Luer-Steck, LL pos	60
VK00987 ²	17488974	34-38-04-03	1500	900	–	LL pos	100
VK00988	17488980	34-38-04-03	1500	900	–	funnel connector (FG 18)	100
VK00990	17489005	34-38-04-04	2000	900	•	LL pos	100

¹ with an X-ray contrast line, two quick binders ² three-way stopcock (blue, with union cap)

Secretion Bag System

The latex-free bag is intended for closed systems in order to drain urine.



Bag System

- volume 450 ml



Art.-No.	PCN	eClass	Tube length (mm)	Non-return valve	Bottom drain valve	Connector	PU
VK00976	17488885	34-38-04-04	25	•	with slide clamp, LL neg	LL pos	25

Extension Line

The pigtail extension is intended for a pigtail catheter (double-J catheter). It finds application when the ureter is blocked, in the event of acute obstruction of the ureter by urinary stones.



Pigtail Extension Line

- transparent and kink-resistant material



Art.-No.	PCN	eClass	FG	Tube length (mm)	Connector	Connection	PU
VK00876	17488224	34-25-90-90	12	100	LL pos, funnel connector (FG 12)	–	100
VK00877	17488230	34-25-90-90	12	100	LL pos, funnel connector (FG 12)	with union cap	100
VK00878	17488247	34-25-90-90	12	150	LL pos, funnel connector (FG 12)	–	100
VK00865 ¹	17488158	34-25-90-90	–	200	LL pos, silicone	–	100
VK00875	17488218	34-25-90-90	12	300	LL pos, funnel connector (white)	–	100

¹ DEHP-free



Urological Extension Line

- usage with collection system



Art.-No.	PCN	eClass	Tube length (mm)	Connector	Roller clamp	PU
VK01003 ^{1/3}	17489123	34-38-04-92	250	LL pos, LL neg	–	100
VK01004	17489146	34-38-04-92	600	step connector	–	100
VK01002 ²	17489117	34-38-04-92	2500	LL pos	blue	50

¹ with non-return valve ² with transfusion spike tip ³ contains DEHP

Probe

The probe is used in diagnostic examinations to measure the functional processes within the urinary tract. The function of storing and emptying the bladder is examined in such a case.



Double-Barreled Probe

- tube length 2x 850 mm
- 70 mm crossperforated
- closed opening
- two screw caps
- for urodynamic sets

DEHP

Latex

PVC

STERILE

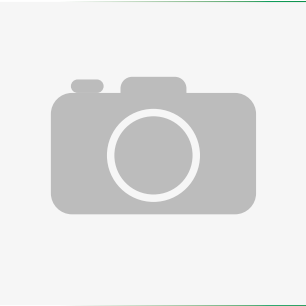
EO

Art.-No.	PCN	eClass	FG	Tube length (mm)	Connector	PU
VK00954	17488827	34-25-11-91	6	230	2x LL neg	100

Accessory

The extensive range covers various accessories of the urology group – from tubes, adapters to connectors.

Adapter



UK-Connector

- for retrograde pyelography

DEHP

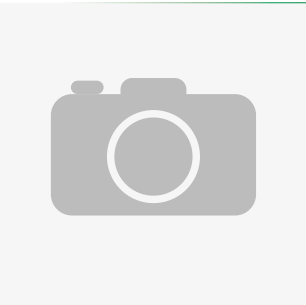
Latex

PVC

STERILE

EO

Art.-No.	PCN	eClass	Connector	PU
VK01066	17489488	34-25-11-03	LL neg, universal connector	100



Adapter

- for secure connection with e.g. catheters

DEHP

Latex

PVC

STERILE

EO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	Predetection cap	PU
VK01000	17489100	34-38-04-10	25	LL pos, silicone	•	100

UK-Adapter

- for the secure connection of various connections
- universal connector
- for FG 6-10



DEHP

Latex

PVC

STERILE

EO

Art.-No.	PCN	eClass	Tube length (mm)	Adapter	FG	PU
VK00903	17488454	34-29-01-01	-	LL neg	-	100
VK00899	17488425	34-29-01-01	-	rubber (red)	-	100
VK00900 ¹	17488431	34-29-01-01	70	funnel connector (grey)	25	50
VK00905	17488460	34-29-01-01	250	funnel connector (red)	18	100

¹ contains DEHP

Renal Fistula Adapter

- suitable for a urine bag connection



DEHP

Latex

PVC

STERILE

EO

Art.-No.	PCN	eClass	Connector	FG	Predetection cap	PU
VK00901	17488448	34-25-11-03	LL pos, funnel connector (FG 12)	12	•	100

Urological Y-Adapter

- tubes are connected to a Y-connector



DEHP

Latex

PVC

STERILE

EO

Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00977	17488916	34-25-11-03	2x 70	50



Step Connector

- for FG 6-19
- for a secure connection between different application systems



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00907	17488483	34-25-11-03	25	LL neg, step connector	100
VK00908	17488508	34-25-11-03	45	LL neg, step connector	50

Connector



Catheter Connection Piece

- for secure connection with catheters



Art.-No.	PCN	eClass	Connector	Predection cap	PU
VK01065	17489471	34-25-11-03	LL neg, step connector	•	100



UK Connecting Piece

- universal adapter for secure connection with e.g. urine bags



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK01067	17489494	34-25-11-03	70	funnel connector (FG 18)	100



Redon Form Piece

- for a secure connection between different preparation systems



Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK01012	17489181	34-25-11-92	25	LL pos, rubber	100



Connecting Piece

- percutaneous connector
- connector with union cap



Art.-No.	PCN	eClass	Tube length (mm)	Connector	FG	PU
VK01072	17489519	34-25-11-92	70	funnel connector (red)	18	50



Anaesthesia
INSENSIBILITY

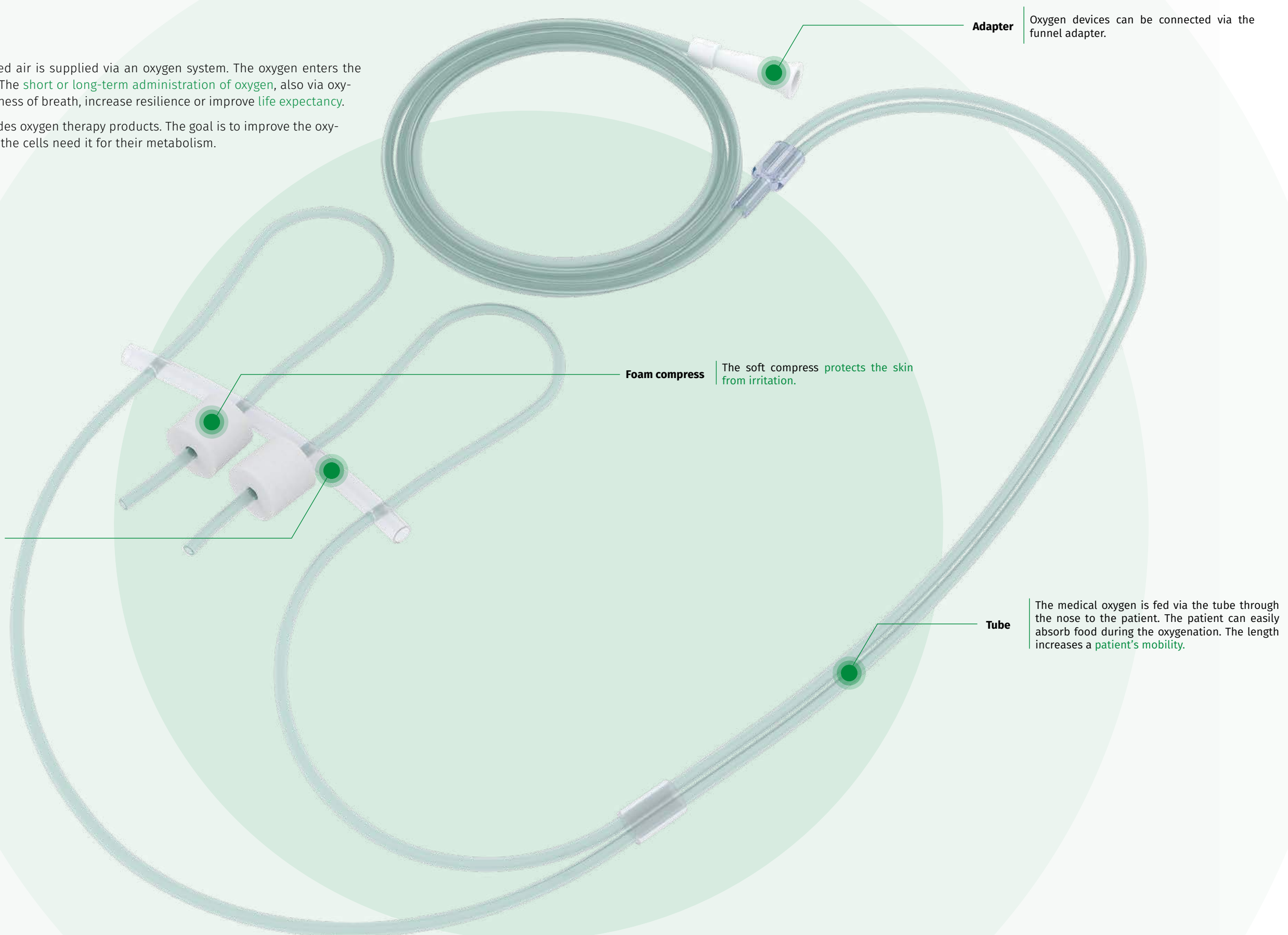
Anaesthesia

SHORT AND LONG-TERM OXYGEN THERAPY

Breathe Easier

As part of oxygen therapy, oxygen-enriched air is supplied via an oxygen system. The oxygen enters the respiratory tract, e.g. via a nasal cannula. The **short or long-term administration of oxygen**, also via oxygen probes or catheters, can reduce shortness of breath, increase resilience or improve **life expectancy**.

The anaesthesia product group also includes oxygen therapy products. The goal is to improve the oxygen supply to maintain vital functions, as the cells need it for their metabolism.



Adapter | Oxygen devices can be connected via the funnel adapter.

Foam compress | The soft compress protects the skin from irritation.

The extra soft material adapts ideally to the face shape. **Material**

Tube | The medical oxygen is fed via the tube through the nose to the patient. The patient can easily absorb food during the oxygenation. The length increases a patient's mobility.

Oxygen Nasal Cannula

The oxygen nasal cannula is used for the nasal administration of oxygen. Concentrated oxygen enters the body through the respiratory tract and allows the patient to breathe more easily.



Nasal Cannula

- tube size FG 12
- high-quality medical plastic



Art.-No.	PCN	eClass	Tube length (mm)	Connector	FG	Foam compress	PU
VK00925 ¹	17488603	34-24-12-02	2000	funnel connector (white)	12	•	100
VK00867	17488170	34-24-12-02	2100	-	-	-	100

¹ contains DEHP and PVC

Probe

The probe is suitable for oxygen delivery via the nasal route.



Oxygen Probe

- tube length 3000 mm
- FG 12



Art.-No.	PCN	eClass	Connector	Foam compress	PU
VK00933	17488690	34-24-12-01	cut down connector	fixed compress	50
VK00934	17488715	34-24-12-01	cut down connector	movable compress	50

Respiration Trainer

The trainer enables a patient to undergo targeted lung training. It is particularly effective for pulmonary system disorders, problems with the bronchi or shortness of breath, as well as for a reduced oxygen supply.



Respiratory Trainer A / B

- tube length 1500 mm
- suction tubes with control stripes
- precision ball
- step connector



Art.-No.	PCN	eClass	Screw attachment	Bottle volume (ml)	PU
VK00070	-	34-24-11-90	for 1 l	-	20
VK00071	17483764	34-24-11-90	for 1 l incl. bottle	1000	20

Respiratory Gas Analysis

The analysis tube is a sub-component for the examination of human breathing air as part of oxygen therapy. Based on the analysis, conclusions can be drawn about a patient's condition



Respiratory Gas Analysis Tube

- with protection cap



Art.-No.	PCN	eClass	Tube length (mm)	ø (mm)	Connector	Filter	PU
VK00897	17488388	34-24-12-92	2100	1,50 x 2,75	2x LL pos	integrated	100

Catheter

The sterile and latex-free oxygen catheter is used to administer a direct long-term oxygen supply through the nasopharyngeal route.



Oxygen Catheter

- central opening
- 8 lateral eyes

DEHP

Latex

PVC

STERILEEO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	FG	PU
VK00936	17488721	34-24-12-01	400	funnel connector (white)	12	100

Catheter Adapter

The adapter is used with an oxygen catheter.



Catheter Adapter-S

- for universal size

Latex

PVC

STERILEEO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	FG	PU
VK00906	17488477	34-24-13-91	70	funnel connector (grey), screw connector	25, 6-18	50

Saline Nebuliser

The nebuliser is applied in the upper respiratory tract. It supports the treatment of respiratory diseases.



Saline Nebulizer Tube

- can be used e.g. for inhalation therapy

DEHP

Latex

PVC

STERILEEO

Art.-No.	PCN	eClass	Tube length (mm)	Connector	PU
VK00880	17488253	34-24-12-92	150	LL neg	100

Connection Tube

The tubes are suitable for all oxygen nasal cannula systems.



Oxygen Connecting Tube

- e.g. for connecting to an oxygen device

DEHP

Latex

PVC

STERILEEO

Art.-No.	PCN	eClass	FG	Tube length (mm)	Connector	PU
VK00926	17488626	34-24-12-06	12	2000	two-sided funnel connector (white)	50
VK00932	17488684	34-24-12-06	12	2000	funnel connector (white), LL pos	50
VK00967 ¹	17488833	34-24-12-06	18	800	funnel connector (red), LL pos	100
VK00929	17488649	34-24-12-06	16	2000	two-sided silicone	50
VK00930	17488661	34-24-12-06	16	6000	silicone, straight connector	50
VK00931	17488678	34-24-12-06	16	8000	silicone, straight connector	50

¹ double sterile packed

Tube Extension

The extensions are intended for oxygen therapy tubes.



Oxygen Extension Line

- suitable for oxygen lines

DEHP

Latex

PVC

STERILEEO

Art.-No.	PCN	eClass	FG	Tube length (mm)	Connector	PU
VK00793	17487621	34-24-12-92	16	2100	two-sided silicone	50
VK00928	17488632	34-24-12-92	16	3000	two-sided cut down connector	50

Tube Section



Silicone Tube Section

- transparent and kink-resistant material



Art.-No.	PCN	eClass	FG	Tube length (mm)	PU
VK01079	17489608	34-24-12-92	12	300	25
VK01074	17489525	34-24-12-92	24	750	25



Lavage

REMOVAL BY CLEANING

Cleaning Systems

Lavage systems are cleaning systems that ensure continuous lavage. Our systems are used for bronchoscopy or bed sores.

The bronchoscopy-lavage systems are used for a medical examination procedure to examine the bronchi. During the procedure, biopsies can be taken and pulmonary lavage or bronchial lavage can be performed with the endoscope tube. For this purpose, for example, sterile saline solution is introduced into the lower respiratory tract. The lavage liquid is examined for specific cells and components.

Bed sores are local damage to the skin or underlying tissue. This is caused by prolonged pressure, which can cause circulatory disorders. A bed sore is treated using moist wound treatment. Wound care requires wound irrigation.

The connector allows a **quick and easy connection** with the desired tubes. It covers all of the sizes required.

Step connector

Robert clamp

The practical clamp, also known as a pinch clamp, is used to open or close a tube to create a liquid stop or flow.

Sherwood connector

The soft Sherwood adapter is available for a range of connections. It allows a secure connection with a desired device.

Luer-Lock

The screw connection system ensures a safe connection and disconnection. The reversible connection is suitable for syringes, cannula and much more.

Tube

The high-quality and kink-resistant tube can be adapted to any length. **Contact us for individual solutions!**

Lavage Systems

The lavage systems are cleaning systems that ensure constant rinsing. Our systems are suitable for bronchoscopy or decubitus.



Bronchoscopy-Lavage Set

- Bottle:**
- volume 200 ml
- Tube:**
- 1080 mm
 - with two slide clamps



Art.-No.	PCN	eClass	Connector	FG	PU
VK00948	17488773	34-59-02-90	step connector, funnel connector (red)	6-18, 18	40



Decubitus-Lavage Set

- tube length 2600 mm
- two spikes (unvented)
- with robert clamp
- two caps (vented)



Art.-No.	PCN	eClass	Connector	PU
VK01006	17489169	34-59-02-90	Luer/Record-Steck	20



Lavage Set

- 2x tube length 1500 mm
- 1x tube length 2000 mm
- two Robert clamps



Art.-No.	PCN	eClass	Connector	FG	PU
VK01005	17489169	34-59-02-90	step connector, Sherwood, LL neg	6-18	20



Arthroscopy
COMFORT FOR STRAINED JOINTS

Arthroscopy Set

The set is suitable for arthroscopy, a minimally invasive diagnostic or therapeutic treatment of joints. This is connected to an endoscope.



Arthroscopy Set - Mono/Duo

- chamber without filter
- step connector with silicone adapter (150 mm)



Art.-No.	PCN	eClass	Set	Tube length (mm)	Spike	Robert clamp	PU
VK00796	17487644	34-22-12-90	mono-tubing	2700 + 1x 200	1x without venting	••	50
VK00795 ¹	17487638	34-22-12-90	duo-tubing	2700 + 2x 200	2x without venting	•••	50

¹ contains DEHP

Accessory

The sets and extensions are intended for use with an arthroscope.



Tube Set for Arthroscopy

- spike with venting 3 µm
- chamber with 15 µm filter
- LL pos adapter (movable)
- roller clamp



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00786	17487584	34-22-12-90	2500	50



Arthroscopy Extension Line

- tube length 2500 mm
- two-sided LL pos adapter



Art.-No.	PCN	eClass	FG	PU
VK00797	17487650	34-22-12-92	21	50



Gastroenterology
STRENGTHEN THE IMMUNE SYSTEM

Gastroenterology

FILLING OR EMPTYING THE COLON

Rinsing and Diagnostic Systems

Intestinal systems are essential in gastroenterology. They are used to fill or empty the intestines with liquids or gases. This is done for diagnostic or therapeutic purposes. The development of diseases in the gastrointestinal tract, the liver and the hormone glands of the digestive tract, such as the pancreas, are investigated.

The colon system is used to clean various intestinal sections. This is helpful as a preparation for a colonoscopy or even if the patient's body no longer manages to clean the intestine itself, meaning that slags and toxins remain.

The **sturdy and tear-resistant eyes** are particularly suitable for optimal positioning at the side or above a bed.

Suspension eye

The bag is only suitable for contrast medium. The liquid provides a gently improved representation of the structures and functions of the body.

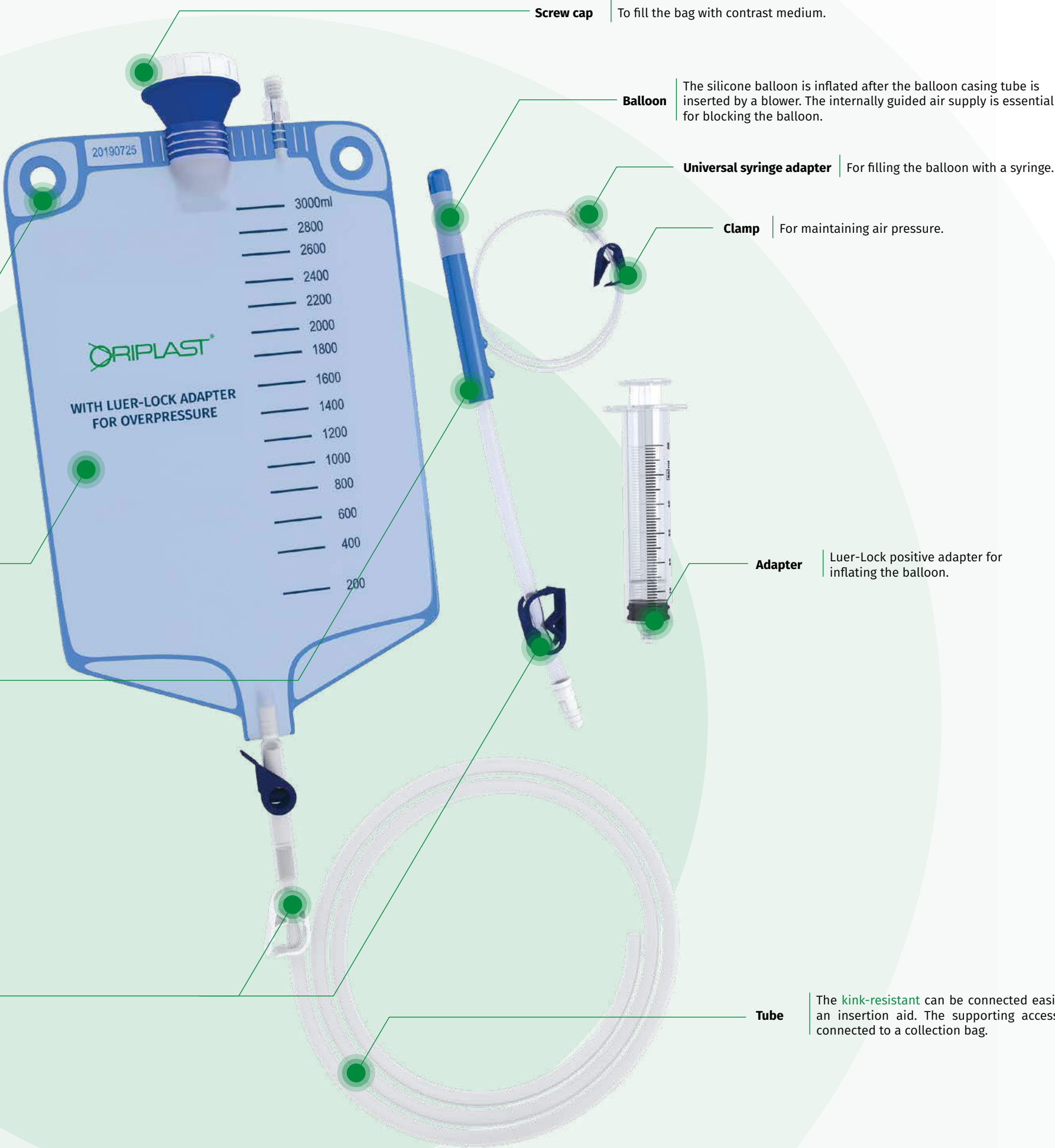
Bag

The matted surface **minimises friction and ensures excellent sliding properties**. The closed and rounded end with lateral eyes allows an even fluid distribution.

Material

The practical clamp, also known as a pinch clamp, is used to disconnect or open the tube to create a stop or go.

Robert clamp



Screw cap | To fill the bag with contrast medium.

Balloon | The silicone balloon is inflated after the balloon casing tube is inserted by a blower. The internally guided air supply is essential for blocking the balloon.

Universal syringe adapter | For filling the balloon with a syringe.

Clamp | For maintaining air pressure.

Adapter | Luer-Lock positive adapter for inflating the balloon.

Tube | The kink-resistant can be connected easily with an insertion aid. The supporting accessory is connected to a collection bag.

Gastro-Intestinal System

With the help of a secretion bag, controlled fluid can be passed from the bag into the intestine. The bag is then placed on the floor, the content can flow back and the system can be disposed of.



Colon System

- Secretion bag:**
- volume 1500 ml
 - without non-return valve and bottom drain valve
 - two step connectors
 - slide clamp



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00984	17488951	34-26-90-90	800, 2x 300	50

Catheter

The catheter, in combination with a system, is suitable for cleansing the intestine.



Spezial Catheter

- tube length 300 mm
- adapter (one-sided) has a funnel form
- 2 lateral eyes
- central opening



Art.-No.	PCN	eClass	FG	Form	PU
VK00870	17488187	34-26-07-04	30	straight	50
VK00871 ¹	17488193	34-26-07-04	30	curved	50

¹ contains DEHP and PVC

RECTOFLEX

The collon tube with a balloon and olive is used in colon diagnostics as part of radiological examinations and allows a thorough examination of the large intestine.



RECTOFLEX-System

- Contrast medium:** volume 3000 ml, bottom drain valve with tube extension (1.8 m), LL neg adapter for tube entry
- Intestinal tube with silicone balloon:** overall length 400 mm, tube length 200 mm, extension 600 mm
- Syringe:** 50 ml without cannula



Art.-No.	PCN	eClass	Air volume (ml)	PU
VK00974	17488879	34-26-07-04	85	15

Accessory

The Y-connector with a step connector is suitable for gastric tubes. The connector (with Luer-Lock adapter) is suitable for percutaneous endoscopic gastrostomy (PEG).



Y-Connector

- connectable with different adapters



Art.-No.	PCN	eClass	Connector	FG	PU
VK00992	17489028	34-42-01-04	step connector, LL pos, funnel connector (grey)	25	100
VK00993	17489040	34-42-01-04	LL pos, LL neg, funnel connector (grey)	25	100



Other Accessories

SERVE THEIR PURPOSE

Other Accessory

COMPLEMENTARY COMPONENTS

Standard Equipment for a Range of Applications

The extensive product range includes essential accessories and consumables for a variety of application. They are vital for creating individual and optimal solutions. A range of accessories can be used in several product groups.

Fluid Transfer Set

A transfer cannula serves the purpose to transfer fluids from one vessel to another. It enables a comfortable transfer of larger amounts of liquid.



Transfer Cannula for Rinsing

- for FG 6-18
- with protection cap



Art.-No.	PCN	eClass	Connector	PU
VK01051	17489330	34-22-03-16	cut down connector	100

Silicone Rein

The reins find application in a variety of surgical procedures. Our range of offer can be adapted to customer-specific solutions.



Rein

- flexible kink-resistant material



Art.-No.	PCN	eClass	FG	Cord length (mm)	PU
VK01046	17489264	34-25-11-90	6	750	100
VK01048	17489301	34-25-11-90	9	500	100
VK01047 ¹	17489293	34-25-11-90	9	750	100
VK01049	17489318	34-25-11-90	12	750	100

¹ contains DEHP and PVC

Tube

The tubes are used in a range of surgical procedures. Our range of offer can be adapted to customer-specific solutions.



Tube Set

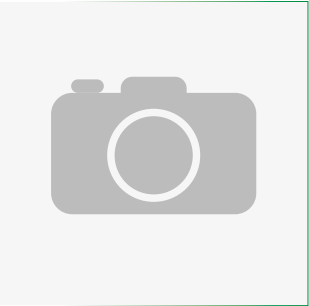
- spike with venting
- 2x LL pos adapter
- roller clamp
- Robert clamp
- for instrument rinsing



Art.-No.	PCN	eClass	Tube length (mm)	PU
VK00715	17487414	34-62-90-90	3500, 2x 200	40

Needle Body

The needle body is intended for all common standard resuscitators and one-handed resuscitators. It is particularly popular in Braunscheidt therapy.



Needle Body

- metal needles
- grip stopper



Art.-No.	PCN	eClass	Number of needles	PU
VK01045	17489258	34-46-01-01	27	100

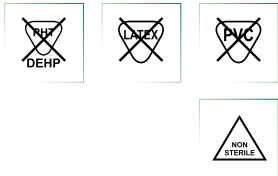
Quick Binder

The binder can be closed and opened easily and comes with a suspension eye. It is suitable for bundling and attaching drainage bottles or secretion bags.



Mount for Attachment

- resealable
- chemically resistant
- weatherproof material



Art.-No.	PCN	eClass	Colour	PU
VK01052	17489347	34-38-04-08	rot	500

Articel Number Directory









VK00001	53	VK00071	101	VK00129	52	VK00191	32	VK00296	44	VK00412	4	VK00515	55	VK00611	65	VK00701	73	VK00813	64
VK00005	52	VK00072	23	VK00130	53	VK00192	32	VK00297	44	VK00413	8	VK00516	52	VK00615	70	VK00703	73	VK00816	70
VK00006	52	VK00073	23	VK00131	52	VK00194	32	VK00298	44	VK00420	8	VK00518	52	VK00618	71	VK00704	73	VK00817	74
VK00007	52	VK00074	22	VK00134	40	VK00197	32	VK00302	46	VK00421	8	VK00519	52	VK00619	74	VK00707	73	VK00818	68
VK00010	17	VK00075	45	VK00135	40	VK00198	32	VK00308	7	VK00423	8	VK00523	52	VK00626	75	VK00709	73	VK00819	68
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VK00012	30	VK00077	23	VK00140	40	VK00202	32	VK00312	7	VK00426	4	VK00527	52	VK00633	68	VK00711	77	VK00826	68
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VK00036	23	VK00095	10	VK00160	31	VK00228	55	VK00351	5	VK00469	7	VK00571	34	VK00660	68	VK00748	67	VK00849	64
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VK00051	22	VK00098	22	VK00164	31	VK00253	24	VK00368	5	VK00473	15	VK00580	75	VK00671	69	VK00780	67	VK00852	73
VK00052	22	VK00099	22	VK00165	31	VK00254	25	VK00372	5	VK00474	15	VK00582	46	VK00672	69	VK00781	67	VK00854	73
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VK00054	45	VK00102	15	VK00167	31	VK00258	24	VK00374	9	VK00476	14	VK00586	67	VK00677	69	VK00788	72	VK00856	76
VK00055	45	VK00103	16	VK00168	31	VK00259	24	VK00378	10	VK00479	15	VK00587	64	VK00678	69	VK00789	72	VK00857	75
VK00056	45	VK00104	15	VK00169	31	VK00261	24	VK00383	10	VK00480	15	VK00590	66	VK00680	69	VK00791	72	VK00858	68
VK00058	23	VK00105	15	VK00170	31	VK00262	24	VK00384	10	VK00481	15	VK00591	65	VK00681	69	VK00793	103	VK00865	91
VK00059	23	VK00109	46	VK00174	34	VK00263	24	VK00389	33	VK00482	15	VK00592	65	VK00682	69	VK00795	110	VK00866	79
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VK00062	45	VK00112	52	VK00178	34	VK00266	84	VK00393	4	VK00484	14	VK00595	66	VK00684	71	VK00797	110	VK00870	114
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VK00067	23	VK00120	52	VK00185	32	VK00285	8	VK00399	6	VK00497	15	VK00601	64	VK00688	70	VK00801	75	VK00876	91
VK00068	23	VK00126	53	VK00187	32	VK00290	8	VK00400	6	VK00503	16	VK00604	71	VK00689	77	VK00802	64	VK00877	91
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										VK00509	16	VK00609	64	VK00696	73	VK00811	64	VK00882	72
										VK00512	52	VK00610	64	VK00697	73	VK00812	76	VK00886	46

VK00888	90	VK00954	92	VK01059	88
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VK00891	35	VK00974	115	VK01062	89
VK00892	34	VK00976	90	VK01064	88
VK00893	54	VK00977	93	VK01065	94
VK00897	101	VK00978	88	VK01066	92
VK00898	36	VK00980	88	VK01067	94
VK00899	93	VK00984	114	VK01070	40
VK00900	93	VK00986	88	VK01072	95
VK00901	93	VK00987	90	VK01074	104
VK00903	93	VK00988	90	VK01075	34
VK00905	93	VK00989	88	VK01076	33
VK00906	102	VK00990	90	VK01077	33
VK00907	94	VK00991	89	VK01078	68
VK00908	94	VK00992	115	VK01079	104
VK00911	35	VK00993	115	VK01090	33
VK00912	35	VK00995	88	VK01091	33
VK00916	53	VK00996	88	VK01092	34
VK00918	40	VK00998	88	VK01094	33
VK00919	36	VK00999	88	VK01095	33
VK00920	78	VK01000	92	VK01096	34
VK00921	36	VK01002	91	VK01101	31
VK00923	90	VK01003	91		
VK00925	100	VK01004	91		
VK00926	103	VK01005	108		
VK00928	103	VK01006	108		
VK00929	103	VK01008	47		
VK00930	103	VK01012	95		
VK00931	103	VK01017	60		
VK00932	103	VK01019	88		
VK00933	100	VK01020	88		
VK00934	100	VK01032	88		
VK00936	102	VK01045	119		
VK00941	60	VK01046	118		
VK00942	60	VK01047	118		
VK00944	60	VK01048	118		
VK00945	60	VK01049	118		
VK00948	108	VK01051	118		
VK00950	54	VK01052	119		
VK00951	54	VK01053	35		
VK00952	54	VK01056	73		

List of Abbreviations

FG	French Gauge
G	Gauge
LL	Luer- Lock
LL neg	Luer-Lock negative
LL pos	Luer-Lock positive
PCN	Pharmaceutical Central Number
PU	Packaging Unit
QL	Quick-Lock
QL m	Quick-Lock male
QL w	Quick-Lock female
UC	Universal Connector
µm	Micrometer

Symbol Directory

	DEHP-free
	Double packed
	Ethylene oxide sterilization
	Latex-free
	Contains Latex
	PVC-free
	Contains PVC
	Non sterile



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