



**Gravity**  
USING FORCES OF THE EARTH

# Gravity

## INTRA- AND POST-OPERATIVE DRAINAGE

### Passive drainage

Gravity systems in the form of passive drainage are used to continuously drain gases or liquids from a body cavity. They are of particular importance postoperatively in order to drain blood, secretions or air that has penetrated into the following days to ensure. For this purpose, they are positioned in the appropriate area during the procedure.

Fluids collect according to gravity at the lowest point of the body or in wound and abscess cavities. The perforated drainage drains the secretion from the floor of the respective cavity directly into a lower positioned, sterile collection bag.

Carefully craftedatraumatic eyes  
for collecting secretions.

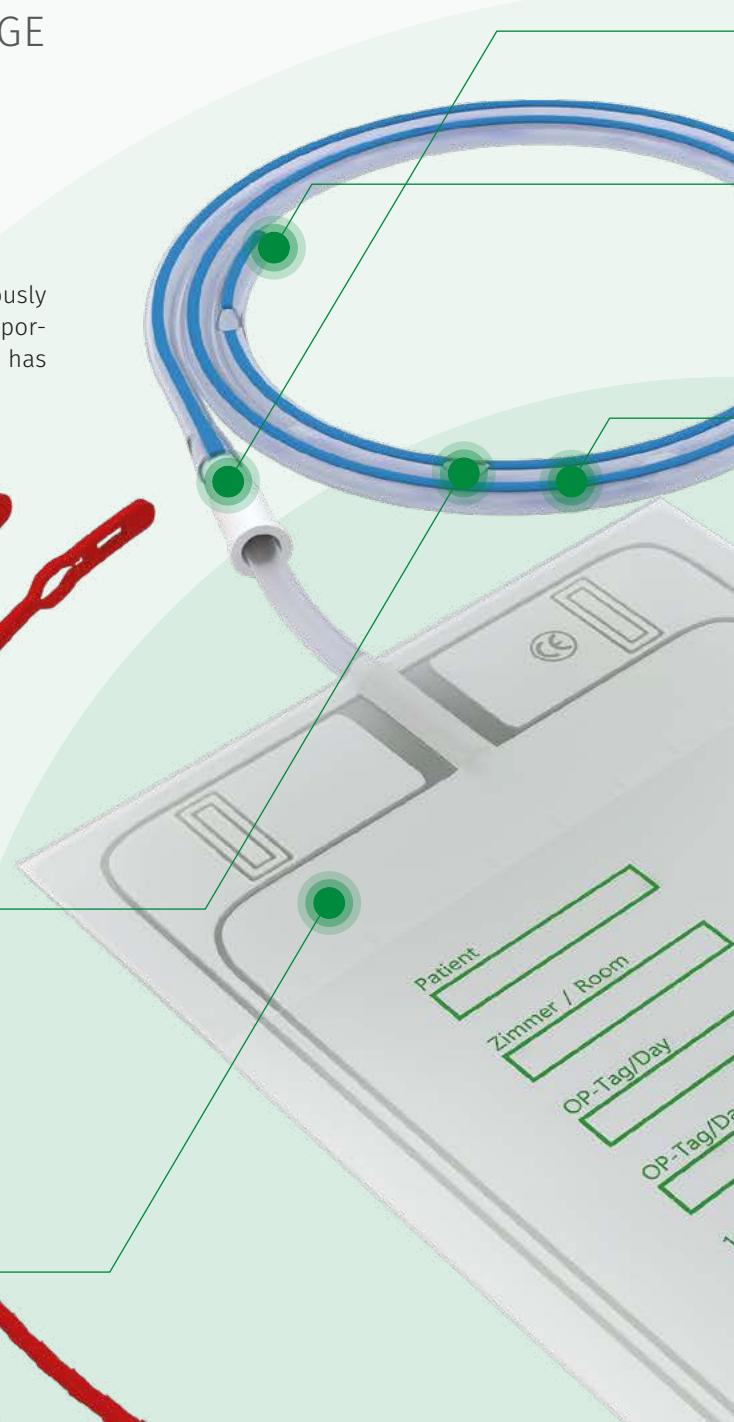
**Perforation**

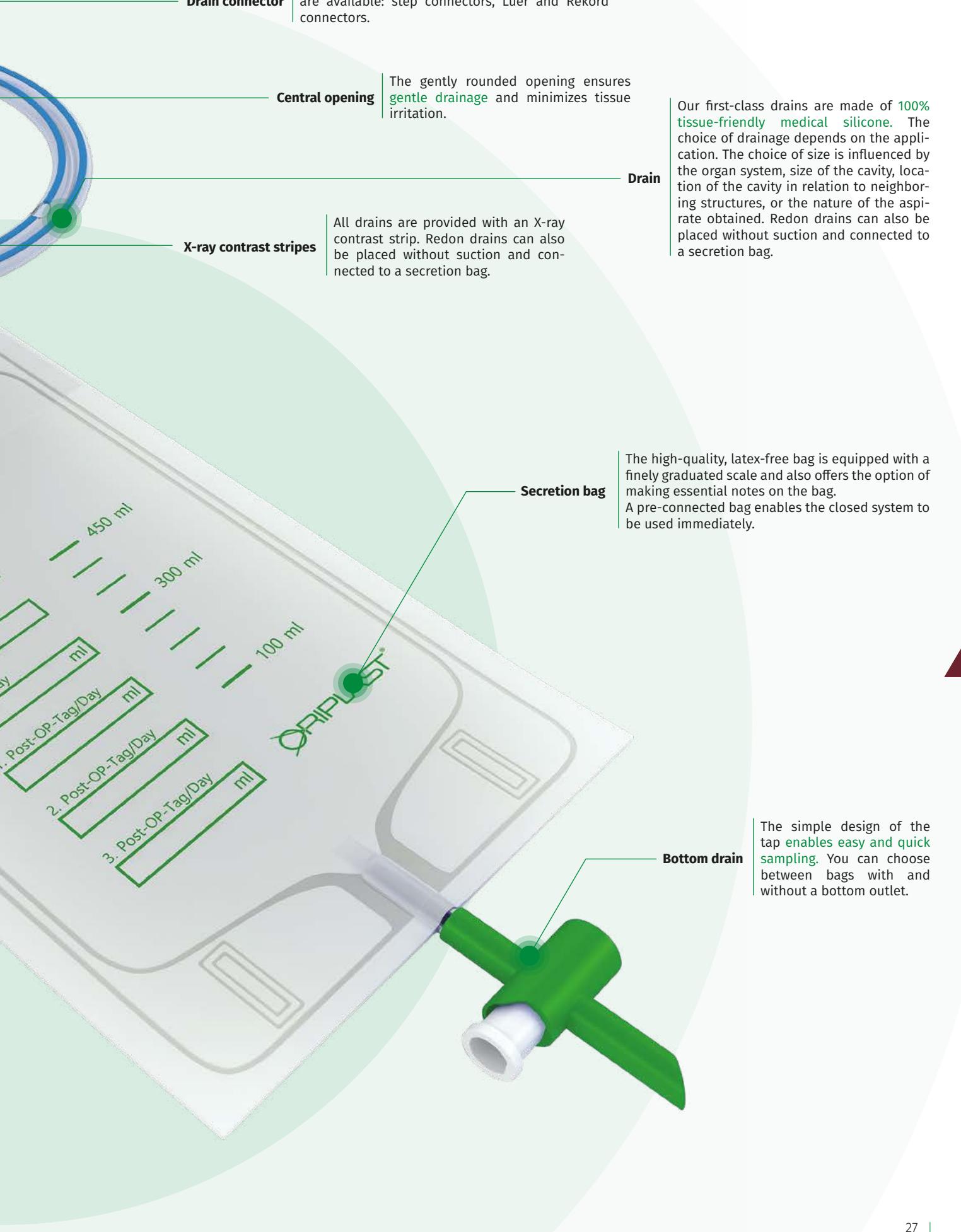
Prevents the secretion from flowing back into the wound area.

**Non-return valve**

The versatile quick tie is ideal for hanging up the secretion bag on the patient's bed. If necessary, this can be used as a carrying aid for the secretion bag for the patient.

**Quick tie**





## Silicone-Drain

The soft flat drainage is suitable for flat drains due to its flat shape and inner ribs. Capillary drainage uses adhesion to drain the secretion upwards into a bandage, among other things. Thanks to gravity, the abdominal silicone round drainage drains the secretion from the lowest point into a secretion bag.



### Silicone flat drain



- 1000 mm
- Capable of X-ray contrast
- Non-adherent medical grade silicone

eClass 34-29-02-90



STERILE | EO

Item No.	PZN	Width (mm)	Height (mm)	Perforation	DEHP	PVC	PU
VK00011	17483327	7	4	3/4	☒ DEHP	☒	25
VK00012	17483333	10	4	3/4	☒ DEHP	☒	25
VK00013	17483356	7	4	full	☒ DEHP	☒	25
VK00014	17483362	10	4	full	☒ DEHP	☒	25



### Silicone capillary drain

- X-ray contrast strips
- non-adherent medical grade silicone

eClass 34-29-02-03



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Item No.	PZN	Length (mm)	Width (mm)	DEHP	PVC	PU
VK00024	17483439	300	6	☒ DEHP	☒	25
VK00025	17483451	300	8	☒ DEHP	☒	25
VK00026	17483468	300	10	☒ DEHP	☒	25
VK00027	17483474	100	10	☒ DEHP	☒	30
VK00028	17483480	300	12	☒ DEHP	☒	25

## Silicone round drain



- X-ray contrast strips
- Atraumatic central opening
- Non-adherent medical grade silicone

eClass 34-29-02-90



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Item No.	PZN	Length (mm)	FG	Perforation length (mm)	Perforation	DEHP	PVC	PU
VK00017	17483379	1300	15	230	cross-perforated			25
VK00148	17484373	250	12	-	5 lateral eyes			25
VK00156	17484462	250	18	-	5 lateral eyes			25
VK00158	17484485	250	21	-	5 lateral eyes			25
VK00160	17484516	250	24	-	5 lateral eyes			25
VK00169	17484597	250	36	-	5 lateral eyes			25
VK00152	17484427	500	10	70	cross-perforated			25
VK00149	17484396	500	12	-	5 lateral eyes			25
VK00145	17484338	500	15	-	5 lateral eyes			25
VK00144	17484321	500	16	-	5 lateral eyes			25
VK00157	17484479	500	18	-	5 lateral eyes			25
VK00159	17484491	500	21	-	5 lateral eyes			25
VK00150	17484410	500	24	-	2 lateral eyes			25
VK00161	17484522	500	24	-	5 lateral eyes			25
VK00162	17484539	500	25	-	5 lateral eyes			25
VK00164	17484545	500	27	-	5 lateral eyes			25
VK00167	17484574	500	30	-	5 lateral eyes			25
VK00170	17484605	500	36	-	5 lateral eyes			25
VK00155	17484456	500	8	70	cross-perforated			25
VK00165	17484551	600	27	-	5 lateral eyes			25
VK00168	17484580	600	30	-	5 lateral eyes			25
VK00146	17484344	800	15	240	cross-perforated			25

## Pancreatic drain

### Pancreatic drain

- non-adherent medica

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Item No.	PZN	Length (mm)	FG	DEHP	PVC	PU
VK01093	17489666	80	6			100

## Silicone-Drainage system

The drainage systems of the Robinson type form a closed wound drainage system. The secretion bag cannot be changed. The drains are suitable for intra-abdominal placement and drainage without suction. In the case of two-part systems, it is possible to change the bag.



### Closed drainage system (Robinson type)

#### Secretion bag:

- 600ml
- NRV
- Bottom drain
- Quick ties

#### Silicone-Drain:

- 1000 mm
- X-ray contrast strips
- Atraumatic central opening
- Non-adherent medical grade silicone

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Item No.	PZN	FG	Perforation length (mm)	Perforation	DEHP	PVC	PU
VK00182	17484686	10	70	cross-perforated			20
VK00185	17484700	12	-	4 lateral eyes			20
VK00188	17484723	14	-	5 lateral eyes			20
VK00190	17484746	15	-	5 lateral eyes			20
VK00191	17484752	16	-	5 lateral eyes			20
VK00194	17484775	18	-	5 lateral eyes			20
VK00197	17484781	21	-	5 lateral eyes			20
VK00198	17484798	20	-	5 lateral eyes			20
VK00204	17484835	24	-	5 lateral eyes			20
VK00206	17484841	26	-	5 lateral eyes			20
VK00213	17484870	27	-	5 lateral eyes			20
VK00217	17484901	30	-	5 lateral eyes			20



### Two-piece Silicone-Drainage system

#### Sekretbeutel:

- 600 ml
- NRV
- Bottom drain
- Quick ties

#### Silicone-Drain:

- 1000 mm
- X-ray contrast strips
- Atraumatic central opening
- Non-adherent medical grade silicone

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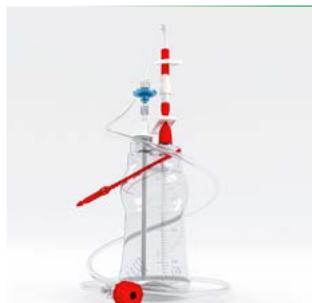


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Item No.	PZN	FG	Drain connector	Perforation	DEHP	PVC	PU
VK00187	17484717	12	Record plug	5 lateral eyes			20
VK00192	17484769	15	Luer plug	5 lateral eyes			20
VK00202	17484812	21	Luer plug	5 lateral eyes			20
VK00203	17484829	20	Luer plug	5 lateral eyes			20
VK00210	17484864	24	Step connector	5 lateral eyes			20
VK00216	17484887	27	Step connector	5 lateral eyes			20
VK00220	17484918	30	Step connector	5 lateral eyes			20

## ORTHOFLEX

The ORTHOFLEX systems can be used for drainage under gravity. Its stable and unique design shape is easy to handle and facilitates patient mobility.



### Surgical system (gravity)

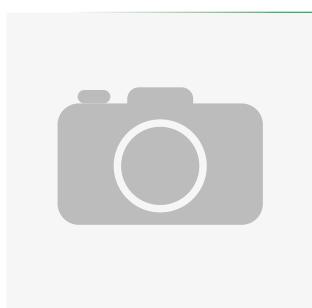
- 450 ml
- Tubing length 1080 mm
- LL neg approach
- Screw cap
- two slide clamps
- Quick ties

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STERILE | EO

Item No.	PZN	Connector	Drain connector	Filter (µm)	DEHP	PVC	PU
VK00389	17485645	QL screw connection	Redary connector	0,2	☒ DEHP	☒ PVC	25



### Ward system (Gravity)

- Replacement bottle
- 450ml
- LL neg approach
- Screw cap
- Sliding clamp
- Quick ties

eClass 34-29-01-03



STERILE | EO

Item No.	PZN	Connector	Filter (µm)	DEHP	PVC	PU
VK00396	17485697	QL	0,2	☒ DEHP	☒ PVC	25

## Bile duct drains

Gravity drainage is used specifically to drain bile.



### Bile duct drainage (according to Neuhaus)

- non-adherent medical

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STERILE | EO

Item No.	PZN	Drainage-Lenght (mm)	FG	Perforation length (mm)	Perforation	DEHP	PVC	PU
VK01077	17489554	650	6	70	middle perforated	☒ DEHP	☒ PVC	25
VK01076	17489548	650	7	70	middle cross-perforated	☒ DEHP	☒ PVC	25
VK00571	17486515	1000	9	70	middle cross-perforated	☒ DEHP	☒ PVC	25
VK00572	17486544	1000	12	-	middle 5 lateral eyes	☒ DEHP	☒ PVC	25
VK00573	17486550	1000	21	-	middle 5 lateral eyes	☒ DEHP	☒ PVC	25



## Bile duct drainage

- 600 mm
- non-adherent medical

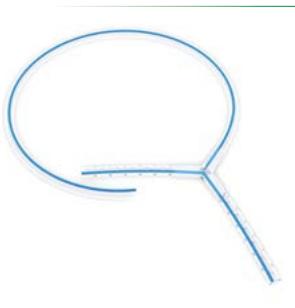
eClass 34-29-02-90



STERILE | EO

Item No.	PZN	FG	Perforation length (mm)	Perforation	X-ray contrast strips	DEHP	PVC	PU
VK01094	17489672	7	-	-	-	☒ DEHP	☒ DEHP	25
VK01090	17489620	7	70	cross-perforated	●	☒ DEHP	☒ DEHP	25
VK01095	17489689	9	-	-	-	☒ DEHP	☒ DEHP	25
VK01091	17489637	9	70	cross-perforated	●	☒ DEHP	☒ DEHP	25
VK01096	17489695	12	-	-	-	☒ DEHP	☒ DEHP	25
VK01092	17489643	12	70	cross-perforated	●	☒ DEHP	☒ DEHP	25

## Silikon T-Drainage



### Silicone T-drainage (after Kehr)

- Web length 160 mm
- non-adherent medical

eClass 34-29-02-04



STERILE | EO

Item No.	PZN	Drainage-Lenght (mm)	FG	Bar perforation	X-ray contrast strips	DEHP	PVC	PU
VK01098	-	600	7	-	-	☒ DEHP	☒ DEHP	25
VK01099	-	600	9	-	-	☒ DEHP	☒ DEHP	25
VK01100	-	600	10	-	-	☒ DEHP	☒ DEHP	25
VK00174	17484611	500	12	-	●	☒ DEHP	☒ DEHP	25
VK00201	17484806	700	12	cross-perforated	●	☒ DEHP	☒ DEHP	25
VK00176	17484628	500	14	-	●	☒ DEHP	☒ DEHP	25
VK00209	17484858	700	14	cross-perforated	●	☒ DEHP	☒ DEHP	25
VK00178	17484634	500	18	-	●	☒ DEHP	☒ DEHP	25
VK00180	17484663	500	20	-	●	☒ DEHP	☒ DEHP	25
VK00183	17484692	500	24	-	●	☒ DEHP	☒ DEHP	25
🕒 VK00222	17484924	500	24	cross-perforated	●	☒ DEHP	☒ DEHP	25

## Secretion bag



### Secretion bag Universal

- Tubing length 900 mm
- Injection port
- Luer connector
- Record adapter
- Detachable extension with LL screw connection

eClass 34-29-03-05



STERILE | EO

Item No.	PZN	Volume (ml)	NRV	Bottom drain	DEHP	PVC	PU
VK00893	17488371	2000	●	●	PHT DEHP	PVC	100
VK01053	17489353	1500	-	-	X DEHP	PVC	100



### Secretion bag

- Tubing length 900 mm

eClass 34-29-03-05



STERILE | EO

Item No.	PZN	Volume (ml)	NRV	Bottom drain	Approach	Protective cap	Screw cap	DEHP	PVC	PU
VK00987	17488974	1500	●	-	Three-way tap with union nut	●	●	X DEHP	PVC	100
VK01062	17489442	1500	-	-	LL pos	-	-	X DEHP	PVC	100
VK00990	17489005	2000	●	●	LL pos	●	-	PHT DEHP	PVC	100



### Biliary drainage bag

- Tubing length 900 mm
- NRV

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Item No.	PZN	Volume (ml)	Bottom drain	Injection port	Drain connector	Record adapter	DEHP	PVC	PU
VK00912	17488520	1500	-	●	Luer plug	●	PHT DEHP	PVC	100
VK00892	17488359	600	●	-	Pipette connection	-	PHT DEHP	PVC	50



### T-drainage bag

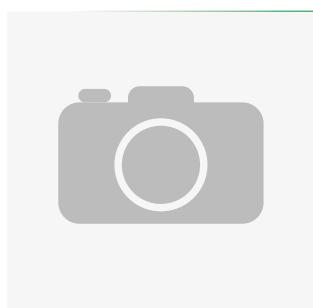
- 1500 ml
- Tubing length 900 mm
- NRV
- Protective cap

eClass 34-29-03-05



STERILE | EO

Item No.	PZN	Volume (ml)	NRV	Drain connector	DEHP	PVC	PU
VK00911	17488514	1500	•	Luer plug	✗ DEHP	✓ PVC	100



### UK secretion bag

- 2000 ml
- Tubing length 900 mm
- NRV
- Bolden drain
- Closing clamp
- Screw cap
- LL neg port for sampling

eClass 34-38-04-04



STERILE | EO

Item No.	PZN	Approach	DEHP	PVC	PU
VK00999	17489092	Universal connector	✗ PHT DEHP	✓ PVC	25

## Accessories



### Connector

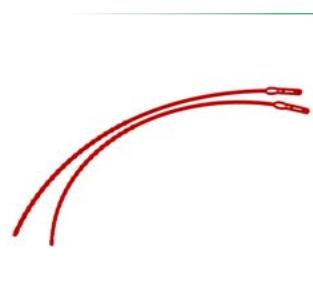
- for silicone drains

eClass 34-29-02-91



STERILE | EO

Item No.	PZN	Approach	DEHP	PVC	PU
VK00898	17488394	bilateral Luer plug	✗ DEHP	✓ PVC	100



### Holding loops for secretion bags

- Secure stop
- Easy to use
- Clearly visible

eClass 34-29-03-92



Item No.	PZN	Color	DEHP	PVC	PU
VK01052	17489347	Red	✗ DEHP	✓ PVC	500