

# Drainage Catalogue

Complete wound drainage



**Enhancing  
care for better  
outcomes**



**Medline provides a comprehensive drainage product portfolio, supporting all your needs. Our portfolio includes active and passive wound drainage, as well as biliary drainage.**

**At Medline, our priority is to enhance safety for both patients and clinicians.**

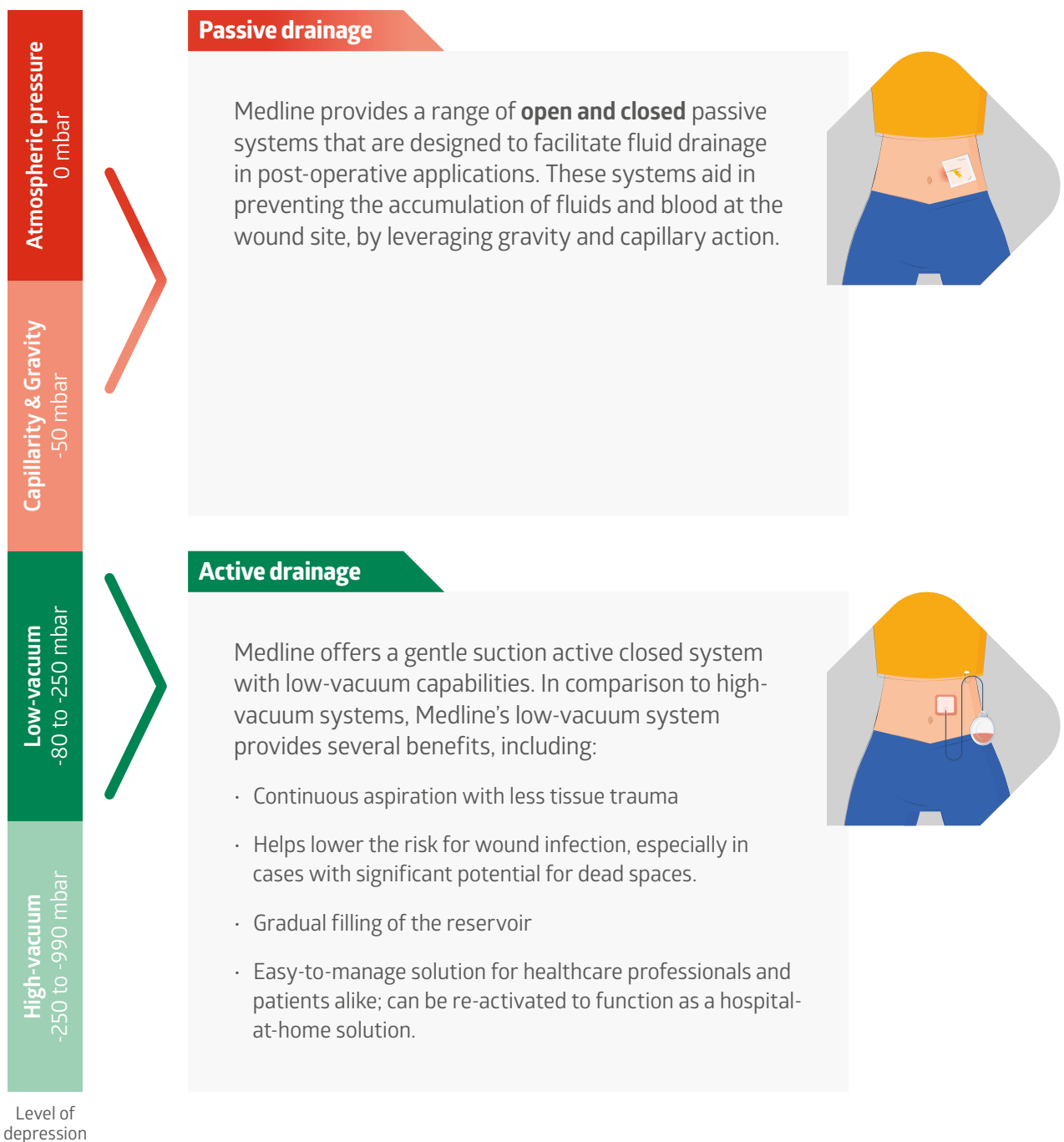
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# Wound drainage

At Medline, we know the challenges healthcare professionals face in trying to achieve patient safety and reduce the duration of hospitalisation following surgery. Our mission is, therefore, to allow you to focus on what matters most: **providing a full and safe solution to care for your patients.**

Wound drainage systems are used in various surgical procedures, with the objective of preventing fluid or air accumulation and eliminating dead space in the surgical wound.



# Why care about surgical site infections?

Surgical site infections (SSIs) are a major cause of morbidity and mortality. These can result in significant consequences for both healthcare facilities and patients.<sup>1,2,3</sup>

Excess fluid accumulation in a wound is one contributor to the development of a post-operative surgical infection. This alters the healing process and decreases the defence mechanism of the patient.<sup>1,4</sup>

**92%** of SSI cases were associated with an increase in the length of hospital stay.<sup>1</sup>

**7 – 14 days** is the average length of extended stay.<sup>2</sup>

**36.2%** of cases of SSIs end in reoperation.<sup>3</sup>

**+€2,000** is the cost of extended hospitalisation associated with SSIs.<sup>2</sup>

## A key preventative measure

One of the preventive measures to help decrease the risk of a wound infection is a controlled drainage system. This system facilitates the removal of excess fluid and exudate during the early phases of healing. This is a prophylactic treatment,<sup>1,4,5</sup> which aims to:



Help minimise post-operative complications



Help enhance the wound healing process



Help facilitate quicker hospital discharge, following surgery

# Passive Drainage

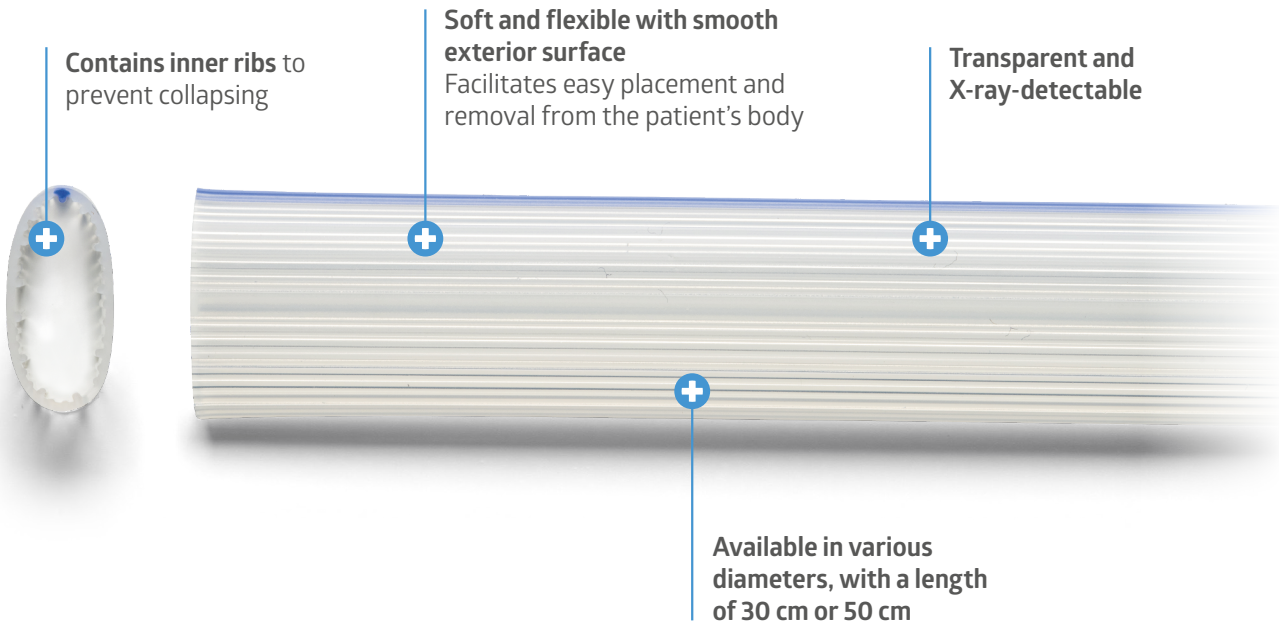
## Open drainage system

### Penrose Silicone Flat Drain

The Penrose Silicone Flat Drain is specifically designed for effective open-wound drainage, using capillary action.

It is primarily used for draining superficial small and septic cavities, as well as underneath skin grafts and open wounds during the healing process.

With its large lumen, the Penrose Silicone Flat Drain facilitates the drainage of viscous fluids. The increased exchange surface enables capillary action.

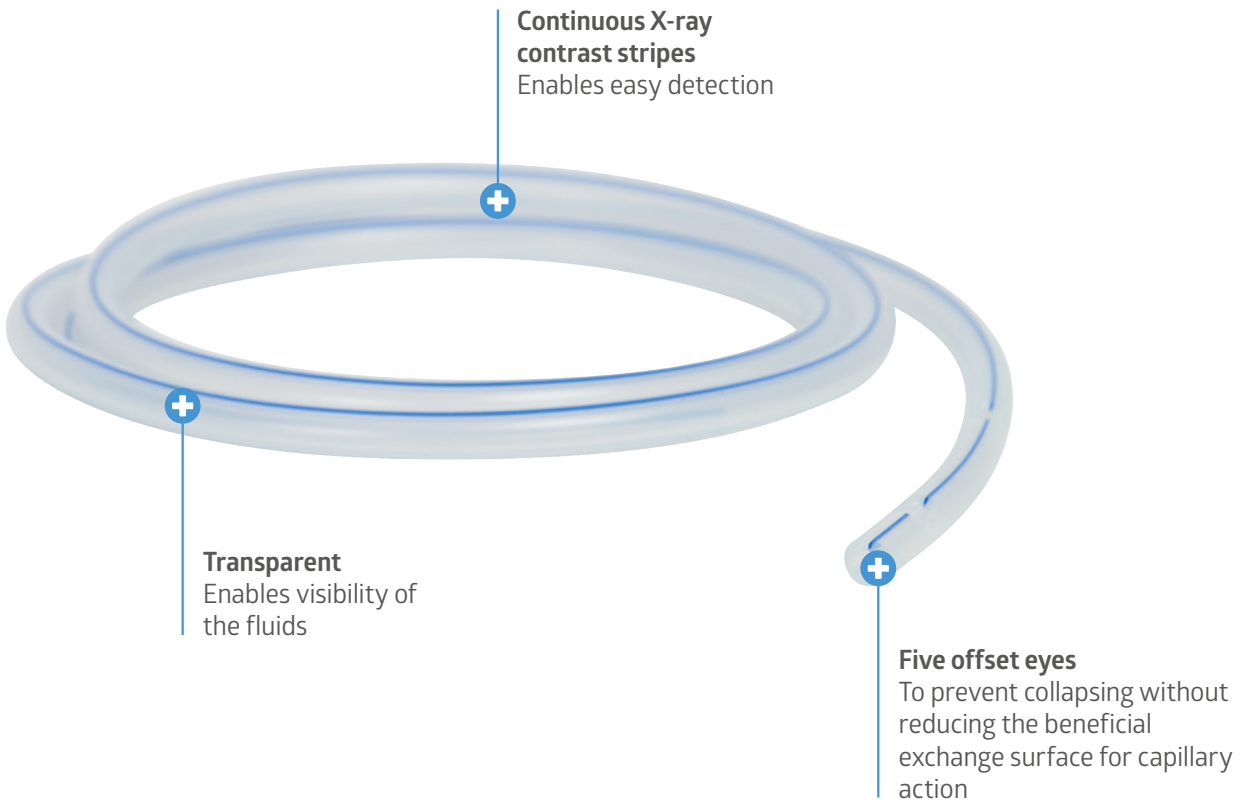


Item number	Description	Diameter (mm)	Length (cm)	Packaging
551006	Penrose Silicone Flat Drain	6	30	10/box
551008	Penrose Silicone Flat Drain	8	30	10/box
551010	Penrose Silicone Flat Drain	10	30	10/box
551012	Penrose Silicone Flat Drain	12	30	10/box
551106	Penrose Silicone Flat Drain	6	50	10/box
551108	Penrose Silicone Flat Drain	8	50	10/box
551110	Penrose Silicone Flat Drain	10	50	10/box
551112	Penrose Silicone Flat Drain	12	50	10/box

### DRAINSID® Tubular Perforated Drain

The Tubular Perforated Drain is an open passive system designed for the removal of fluids and gas in deep cavities, including the abdominal cavity. It is particularly effective for low-fluid collection purposes.

The tubular shape of the drain facilitates the management of viscous fluids, providing a good surface area for efficient fluid exchange.



Item number	Description	Outer diameter (mm)	Size (CH)	Length (cm)	Packaging
554009	Tubular Perforated Drain	3.0	9	50	10/box
554012	Tubular Perforated Drain	4.0	12	50	10/box
554014	Tubular Perforated Drain	4.7	14	50	10/box
554016	Tubular Perforated Drain	5.3	16	50	10/box
554018	Tubular Perforated Drain	6	18	50	10/box
554020	Tubular Perforated Drain	6.7	20	50	10/box
554024	Tubular Perforated Drain	8	24	50	10/box
554026	Tubular Perforated Drain	8.7	26	50	10/box
554030	Tubular Perforated Drain	10	30	50	10/box
554033	Tubular Perforated Drain	11	33	50	10/box
554036	Tubular Perforated Drain	12	36	50	10/box



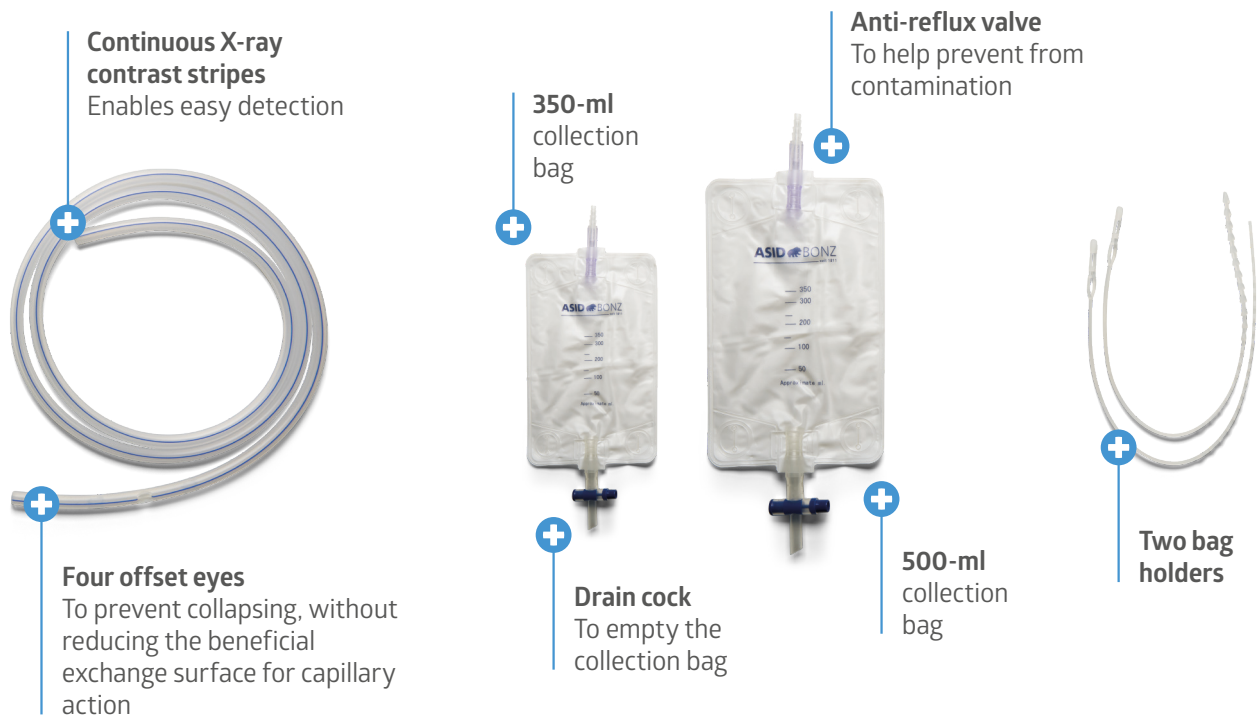
# Passive Drainage

## Closed drainage system

### DRAINSID® Tubular Perforated Drain Sets

The Tubular Drain with Collection Bag is designed to enable the effective removal and collection of high volumes of fluids post-surgery, utilising capillarity and gravity.

This closed system ensures the safe collection of fluids, minimising the risks of infection and extending the capacity for fluid volume collection.



Item number	Outer diameter (mm)	Size (CH)	Bag capacity (ml)	Packaging
564012	4	12	350	5/box
564014	4.7	14	350	5/box
564016	5.3	16	350	5/box
564018	6	18	350	5/box
564020	6.7	20	350	5/box
564024	8	24	350	5/box
564026	8.7	26	350	5/box
564030	10	30	350	5/box
564033	11	33	350	5/box
564036	12	36	350	5/box

Item number	Outer diameter (mm)	Size (CH)	Bag capacity (ml)	Packaging
565012	4	12	500	5/box
565014	4.7	14	500	5/box
565016	5.3	16	500	5/box
565018	6	18	500	5/box
565020	6.7	20	500	5/box
565024	8	24	500	5/box
565026	8.7	26	500	5/box
565030	10	30	500	5/box
565033	11	33	500	5/box
565036	12	36	500	5/box



# Active Drainage

Closed wound drainage system – Low-vacuum



## 1 Silicone drains



## 2 Silicone bulb reservoirs



## 3 Drainage exudate bag

**Medline's Active  
Low-Vacuum  
Drainage**

## Silicone drain options

All drains are equipped with either a radiopaque strip or barium coating for visibility under X-ray.

The drains come with or without a trocar, to help ease insertion, and each is equipped with connectors to help ease insertion between the drain and the reservoir:



Connection with large diameters



Connection with small diameters

### Perforated drain


















**Perforated drains** have small perforations that alternate at 90-degree angles along the full length,  $\frac{3}{4}$  of the length of the drain, or are positioned only at the end of the drain.



**+** X-ray-detectable

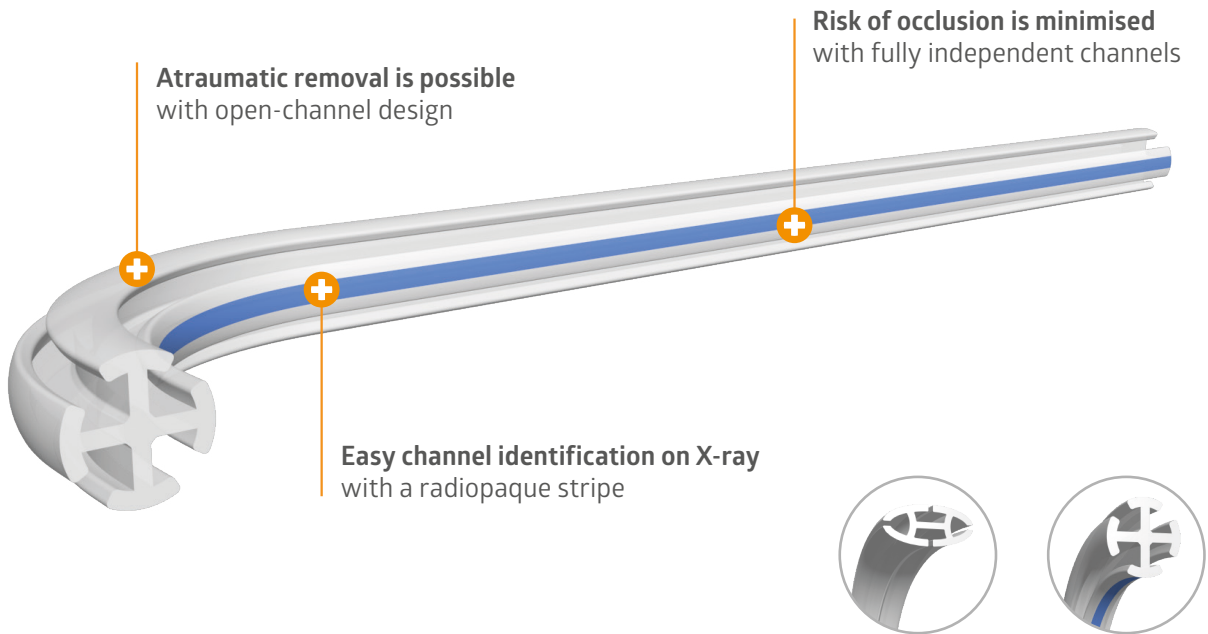
**+** Multi-perforations  
To favour drainage and help prevent collapse














Item number	Drain size	Drain shape	Perforated	Trocar	Bulb reservoir	Packaging
DYNJWE1308A	7 mm	Flat 	$\frac{3}{4}$	No	No	10/cs
DYNJWE1310	7 mm	Flat 	Full	No	No	10/cs
DYNJWE1410	7 mm	Flat 	Full	Yes	No	10/cs
DYNJWE1309	10 mm	Flat 	$\frac{3}{4}$	No	No	10/cs
DYNJWE1311	10 mm	Flat 	Full	No	No	10/cs
DYNJWE1411	10 mm	Flat 	Full	Yes	No	10/cs
DYNJWE1320	7 ch	Round 	Full	No	No	10/cs
DYNJWE1321A	10 ch	Round 	Full	No	No	10/cs
DYNJWE0321	10 ch	Round 	Full	Yes	No	10/cs
DYNJWE1323A	15 ch	Round 	Full	No	No	10/cs
DYNJWE0323	15 ch	Round 	Full	Yes	No	10/cs
DYNJWE1325A	19 ch	Round 	Full	No	No	10/cs
DYNJWE0325	19 ch	Round 	Full	Yes	No	10/cs
DYNJWE1360	7 mm	Flat 	Full	No	100 cc/ml	10/cs
DYNJWE1348	7 mm	Flat 	$\frac{3}{4}$	No	100 cc/ml	10/cs
DYNJWE1349	10 mm	Flat 	$\frac{3}{4}$	No	100 cc/ml	10/cs
DYNJWE1361	10 mm	Flat 	Full	No	100 cc/ml	10/cs

## Channel Drain

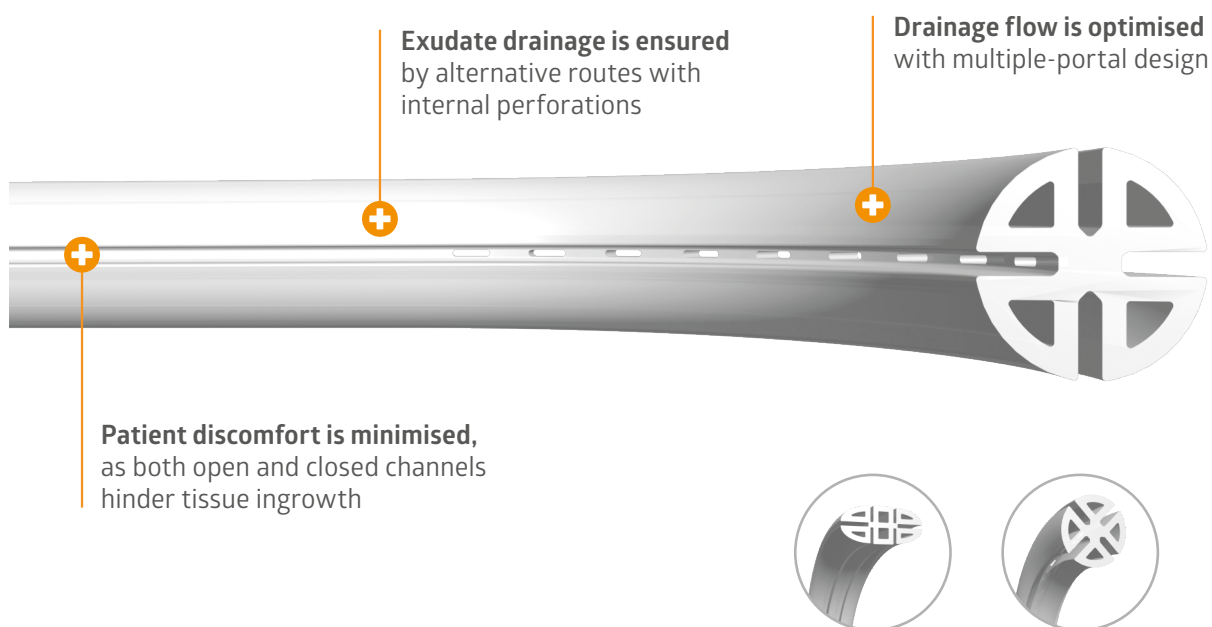
**Channel drains** are made of multiple independent channels with a solid centre that enables good flow during the drainage.













Item number	Drain size	Drain shape	Fluted	Trocar	Packaging
DYNJWE2186NH	10 ch	Round 	Full	No	10/cs
DYNJWE2187NH	10 ch	Round 	Full	Yes	10/cs
DYNJWE2188	15 ch	Round 	Full	No	10/cs
DYNJWE2189	15 ch	Round 	Full	Yes	10/cs
DYNJWE2190	19 ch	Round 	Full	No	10/cs
DYNJWE2191	19 ch	Round 	Full	Yes	10/cs
DYNJWE2234	24 ch	Round 	Full	No	10/cs
DYNJWE2211	7 mm	Flat 	Full	No	10/cs
DYNJWE2212	7 mm	Flat 	Full	Yes	10/cs
DYNJWE2214	10 mm	Flat 	Full	No	10/cs
DYNJWE2215	10 mm	Flat 	Full	Yes	10/cs

## Exuflow Drain

ExuFlow perforated channel drains combine a structure with multiple narrow ducts and internal perforations providing with the most optimised drainage flow.

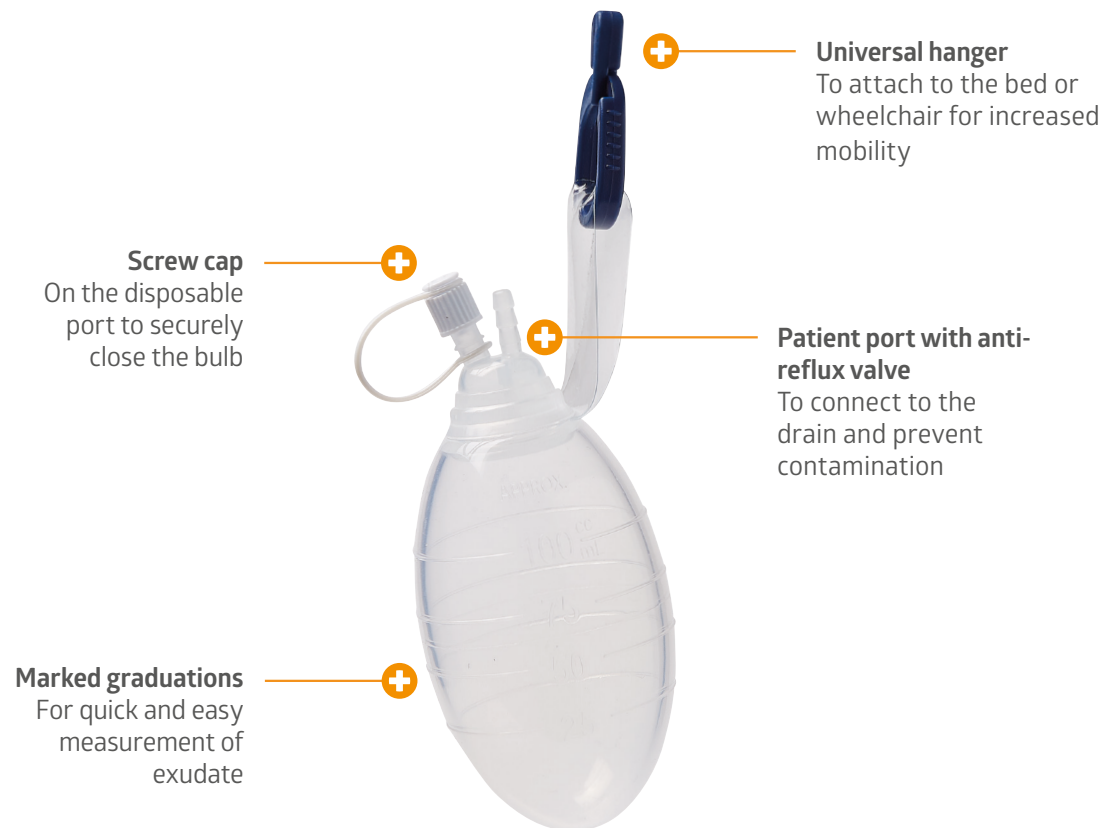


Item number	Drain size	Drain shape	Perforated/fluted	Trocar	Packaging
ORHUR100	10 ch	Round 	$\frac{3}{4}$	No	10/cs
ORHUR101	10 ch	Round 	$\frac{3}{4}$	Yes	10/cs
ORHUR150	15 ch	Round 	$\frac{3}{4}$	No	10/cs
ORHUR151	15 ch	Round 	$\frac{3}{4}$	Yes	10/cs
ORHUR190	19 ch	Round 	$\frac{3}{4}$	No	10/cs
ORHUR195	19 ch	Round 	$\frac{3}{4}$	Yes	10/cs
ORHUF071	7 mm	Flat 	Full	No	10/cs
ORHUF100	10 mm	Flat 	Full	No	10/cs
ORHUF101	10 mm	Flat 	Full	Yes	10/cs
ORHUF104	10 mm	Flat 	$\frac{3}{4}$	Yes	10/cs

# Silicone Bulb Reservoir

This drain is made of fully transparent silicone material and has graduations to help ease the identification and measurement of collected fluids and exudate.

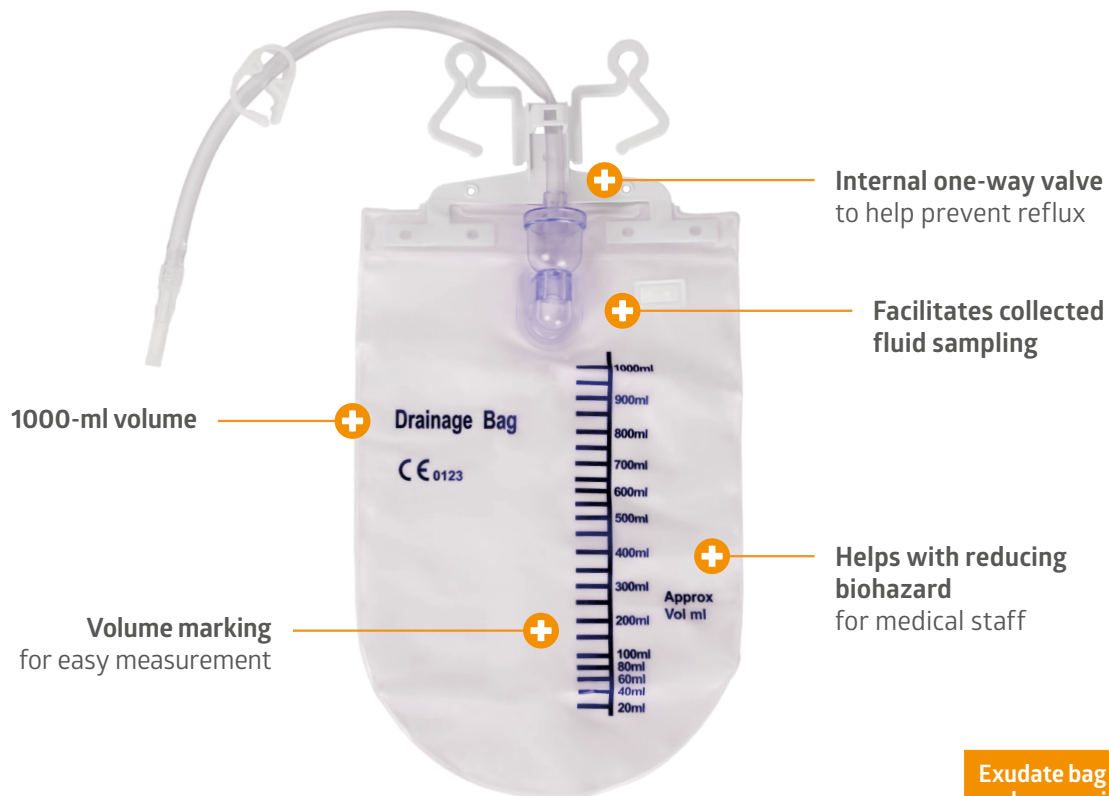
The drain connected to the bulb reservoir provides a completely closed system that helps minimise the risk of post-operative infections.



Item number	Capacity	Patient port	Packaging
DYNJWE1305	100 cc/ml	Single	10/cs
DYNJWE2000	200 cc/ml	Single	10/cs
DYNJWE1000	400 cc/ml	Dual	10/cs

## Collection Bag

For procedures requiring a large volume of drained exudate, Medline's Collection Bag offers an easy and safe solution that minimises clinicians' exposure to blood.

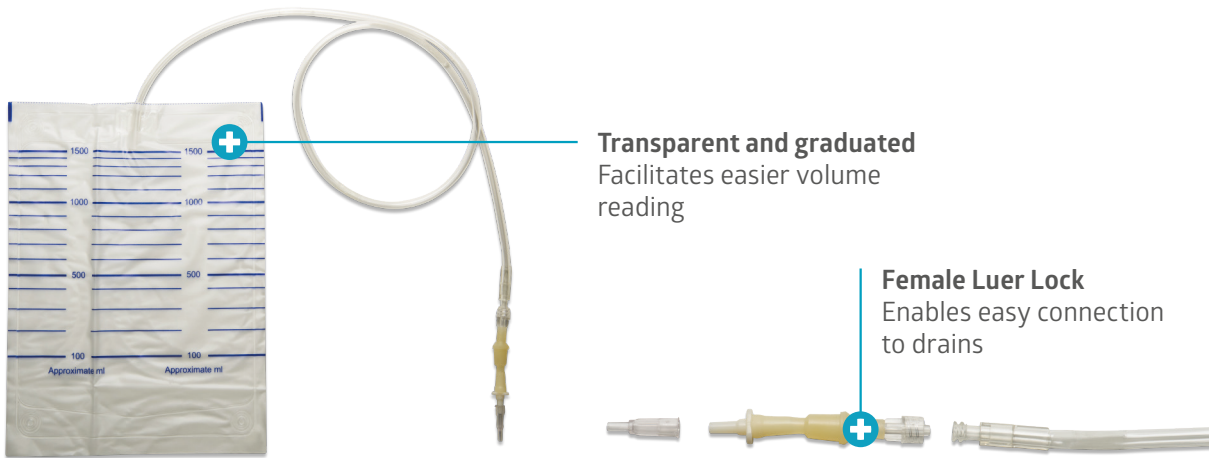
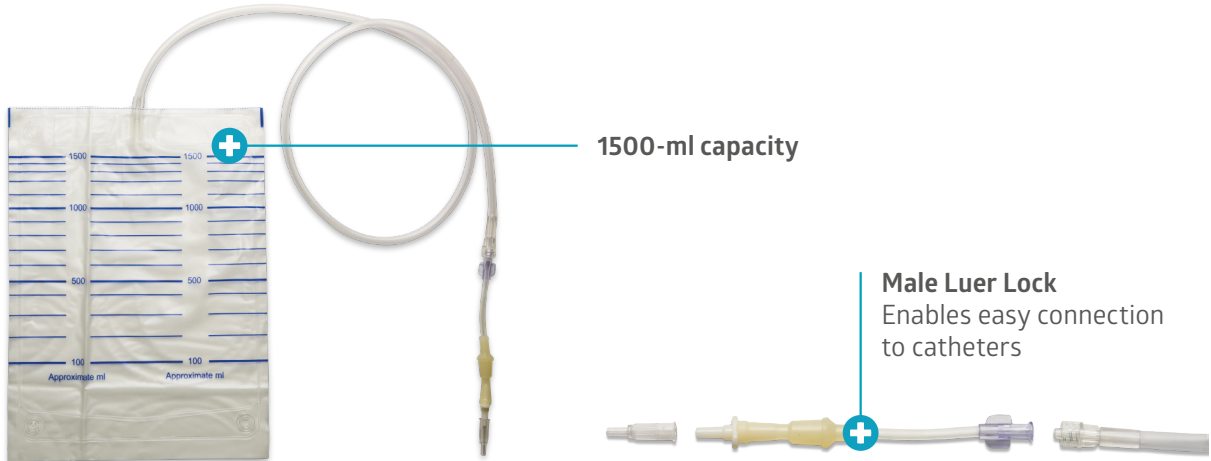


Exudate bag and reservoir available as a kit.

Item number	Capacity	Patient port	Packaging
DB1000	1000 cc/ml	-	60/cs
SDS200	200 + 1000 cc/ml	Single	40/cs

# Biliary Drainage Bags

The Biliary Drainage Bag is a collection bag for bile secretion. It offers multiple connection options to accommodate diverse needs.



Item number	Description	Bag volume (ml)	Packaging
690625	Biliary Drainage Bag with Female Connector	1500	50/cs
690630	Biliary Drainage Bag with Male Connector	1500	25/cs





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1. Margaret F, Fay, RN. Drainage Systems. AORN Journal. 1987; 46:442 – 454
2. Leaper DJ, van Goor H, Reilly J, Petrosillo N, Geiss HK, Torres AJ, Berger A. Surgical site infection – a European perspective of incidence and economic burden. Int Wound J 2004; 1:247 – 273
3. C. Defez, P. Fabbro-Peray, M. Cazaban. Additional direct medical costs of nosocomial infections: an estimation from a cohort of patients in a French university hospital. Journal of Hospital Infection. 2008; 68:130 – 136
4. J. Wesley Alexander., Joel Korelitz, Nancy S. Alexander. Prevention of Wound Infections. The American Journal of surgery. 1976; 132:59 – 63
5. Makama J G, Ameh E A. Surgical Drains: What the Resident Needs To Know. Nigerian journal of medicine. 2008; 17:244 – 250

Perforated drains, channel drains and exulflow drains are class IIa sterile medical devices, intended to be used by healthcare professionals. Before use, consult instructions and precautions on the corresponding labelling.



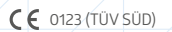
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44110 Châteaubriant, France



Penrose silicone flat drains, tubular perforated drains and tubular perforated drain sets are class IIa sterile medical devices, intended to be used by healthcare professionals. Before use, consult instructions and precautions on the corresponding labelling.



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These bulb reservoirs are class I sterile medical devices, intended to be used by healthcare professionals. Before use, consult instructions and precautions on the corresponding labelling.



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These collection bags are class I sterile medical devices, intended to be used by healthcare professionals. Before use, consult instructions and precautions on the corresponding labelling.



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