

Special solution for Special solution | Inovation in Customer Service
Revolution in the development of bags



DrakaBag Company profile

DrakaBag, s.r.o. is a young dynamic company established on 29 June 2007. The company's primary focus is the production of medical bags from PVC and PP for various applications.

Headquarters and production plant itself are located in Odry. The bags are being manufactured in clean room conditions of class "C" from a material called RENOLIT SOLMED supplied by **RENOLIT MEDICAL** from Holland.

The products pass through a system of controls performed by highly qualified employees, and are tested for their hardness and durability, which ensure their high quality standards.

The company consistently focuses on their customers and does business with partners who recognize the same principles, and reliably meet their contractual obligations. DrakaBag s.r.o. offers an optimization of sales with regards to price, quantity, terms of payment, and particularly, a long term partner- ship and stability of business relationships. There is a constant effort to enhance quality of our products, although our products are already favourably compared to their foreign competitors at the least, which can be supported by the fact that the company is ISO 9001:2008 certified.

Recently the company oriented to dual bags and 3 chambers bags for special solutions and to transparent peelable laminated film for flexible barrier packaging or pharmaceutical solution as overwrap film with superior O₂CO₂ and water vapor barrier for oxygen sensitive products and for bicarbonate solution.



DrakaBag Our Products PP

PP simple	Tubes		PP dual	Tubes		PP 3chambers bags Variant capacity from 1000ml up to 2500ml With variant ratio of chambers For example: 400+400+200 500+500+1500
	1	2		1	2	
Capacity (ml)			Capacities from 600ml up to 5000ml			
50	✓	✓		✓	✓	
100	✓	✓				
250	x	✓				
500	x	✓	Examples:			
1000	x	✓	500+100			
1500	x	✓	750+600			
2000	x	✓	1275+725			
3000	x	✓	4750+250			
5000	x	✓				

For more specific information about bags or others sizes please [contact us!](#)

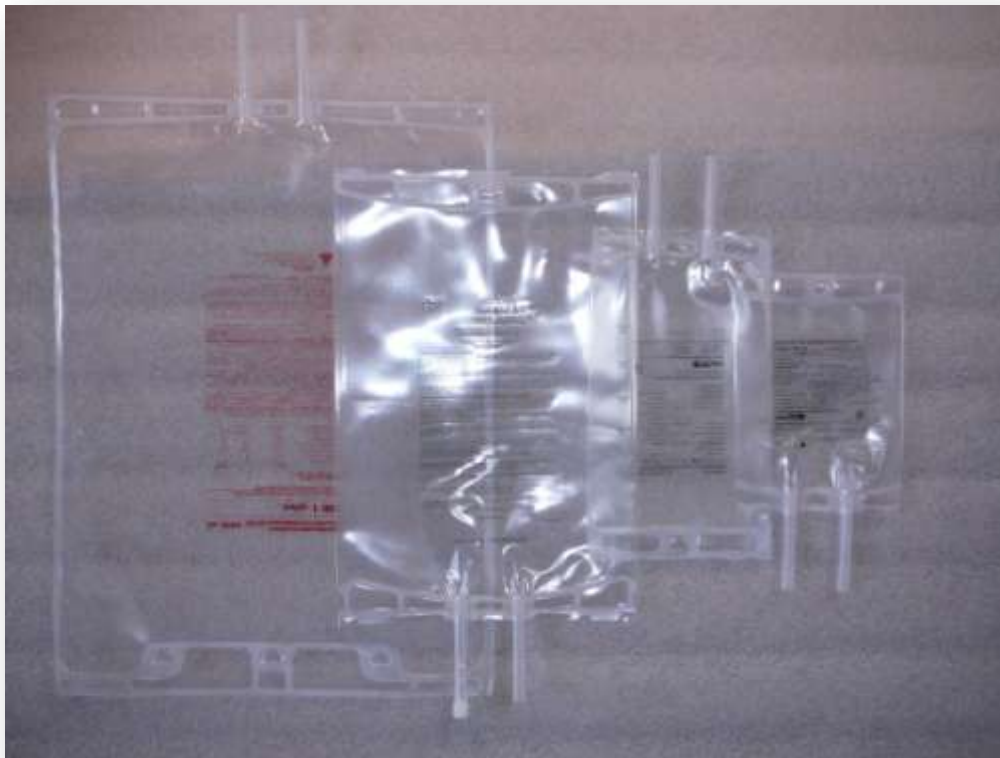
DrakaBag Our Product PVC



PVC simple	Tubes		PVC dual	Tubes		PVC 3chambers bags Variant capacity from 1000ml up to 2500ml With variant ratio of chambers For example: 400+400+200 500+500+1500
	1	2		1	2	
Capacity (ml)			Capacities from 600ml up to 5000ml			
50	✓	✓		✓	✓	
100	✓	✓				
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1000	✓	✓	500+100			
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2000	✓	✓	1275+725			
3000	✓	✓	4750+250			
5000	✓	✓				

DrakaBag Material used

Medical grade PVC, PP and EVA films, tubes and granules to be used for the production of pharmaceutical packaging and medical devices like blood bags, bags for dialysis applications, bags for intravenous solutions, parenteral nutrition solutions, infusion and transfusion sets.



DrakaBag The bags are intended for

❖Dialysis

- Renal Intensive Care – CRRT
- Peritoneal Dialysis (PD)
- Machine dialysis (HD)

❖Infusion therapy

❖Intravenous solutions (I.V.)

❖Pharmaceutics

❖Urology

❖Nutrition

- Parenteral
- Enteral

❖Medical bags



DrakaBag use PVC materials for IV and dialysis

- ❖ PVC tubular film: RENOLIT SOLMED Medipak
 - Available width 50mm - 460mm (layflat).
 - TSE free, no animal ingredients
 - DEHP, TEHTM and DINCH plasticizers
- ❖ Unique solutions:
 - RENOLIT SOLMED Medipak ALKA: PVC film for alkaline solutions
 - RENOLIT SOLMED Medipak Combimat: frosted film for blood applications



DrakaBag Advantages of multiple chamber bags

- ❖ Improved pharmaceutical quality of the solutions
 - Low pH in glucose compartment to prevent toxic glucose degradation products
- ❖ Extended shelf life
- ❖ Overcome incompatibility of the solutions
- ❖ Logistic advantages
- ❖ Improved patient safety, bag design does not allow administration without mixing
- ❖ Special solution for special solution



DrakaBag Technology of Multiple Chamber Bags

❖ Peelable seal technology

- PP film
- Open the internal seal to mix the solutions

❖ Peeling characteristics

- Bag design (shape and direction of peelable seal)
- Film composition
- Heat sealing parameters

❖ Product safety

- Opening by pushing or by pulling
- Prevent unwanted opening during filling, sterilisation, transport and shelf life

❖ Application

- Mixing is done rapidly and completely
- Optimized bag volume

DrakaBag General Requirements of Peelable Seal Films

- ❖ Steam sterilization at 121 °C
 - Peelable seal characteristics after steam sterilization
- ❖ Resistant to solutions with pH > 7
 - Sodium bicarbonate
 - Nutrition solutions
- ❖ Resistant to lipids
 - Nutrition solutions
- ❖ Barrier functions
 - Water vapour: all aqueous solutions
 - O₂: amino acids
 - CO₂: sodium bicarbonate
- ❖ Acetic acid / glucose – electrolytes (2 chambers)
- ❖ Lactate / glucose
- ❖ Sodium bicarbonate / glucose (3 chambers)
- ❖ Multichamber bags for CAPD and CI-CA0



Nutrition Applications

- ❖ Parenteral Nutrition mixing bags
 - EVA tubular film / flat film
 - EVA/EVOH tubular barrier film
 - Oxygen and UV barrier
- ❖ Parenteral nutrition prefilled bags
- ❖ PP flat film
 - Multi-chamber bags with peelable seal
 - Oxygen barrier primary film
- ❖ Enteral nutrition bags
 - EVA film
 - PVC film
 - TEHTM, DINCH, Citrate plasticizer
- ❖ Tubing
- ❖ Ports
- ❖ PP overwrap



SOLMED Wraplex – Product Description

- ❖ RENOLIT SOLMED Wrapflex is designed as a PP secondary packaging material for:
 - IV solution bags
 - Dialysis solution bags
 - Blood bag systems
- ❖ Peelable package; easy opening
- ❖ Full PP film structure: peelable top film; thermoformable bottom film
- ❖ Medical grade raw materials

- ❖ RENOLIT SOLMED Wrapflex product range
 - PP top- and bottom films
 - PP/EVOH oxygen/carbondioxide barrier film
 - Flow-wrap suitable film (tearable)

Our certificate of quality

DrakaBag s.r.o.

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