



TISSUECHOICE®



# TISSUECHOICE®

*Choice of Innovation and Quality!*

TISSUECHOICE® is a product line of **SAFE2** Freezing Bags designed for storage and preservation of different biological tissues (skin, valves, blood vessels, grafts, cartilage, solid tissues) in liquid nitrogen, vapor phase or low temperature storage.

## Innovation

SAFE2® Freezing Bags kit consists of a freezing bag with an integrally attached tubing set and an overwrap bag. Each individual component is part of a unique bag concept that makes the product user-friendly and in line with several cycles of freezing and thawing. Moreover, the bag special design perfectly fits the majority of the existing cassettes and storage systems, thus maximizing storage capacity and protect sample integrity.

## Safety

All SAFE2® Freezing Bags are subjected to different testing methods, both in pre and post production phases. A quality label is applied on the final product as guarantee of its conformity to the testing results and compliance with internal and external standards. Every production batch is released with a Certificate of Conformance (CoC) and a Production Control Report.

## Quality

The material has the most innovative formulation of Ethylene-vinyl acetate (EVA), which retains their flexibility even at lowest temperatures and have a high puncture resistance. The welding is performed with the most advanced technologies. The proven performance of all its components avoids gas and liquid permeation and allows a flexible bag's manipulation, thus preserving all safety conditions and minimizing the risk of contamination.

## Handiness

The blister is made of medical grade paper and disinfectable plastic film, containing the bag and its overwrap. This simplifies and improves working in sterile conditions.

## Flexibility

We can provide you with custom-made solutions that suits all your needs!

SAFE2® Freezing Bags are available in different sizes, depending on the clinical applications and customers' requests.

## 1 The freezing bag

The bags are made with an highly biocompatible material, **EVA (Ethyl Vinyl Acetate)**, whose formulation makes them flexible and resistant to low operating temperatures (range from -196°C to +37°C).

**a.** An additional **layer (lemb)** is placed at the bottom of the bag. It allows the application of a label, containing all the information required by law (ISBT128) and prevents the risk of contamination of potential adhesive components, as the glue, inside the bag.

**b.** The **bag design** allows to easily insert the tissues (such as skin, blood vessels, hearth valves) from the open side. After the final welding, it is possible to add the cryoprotecting solution and/or to take the air off by using the needle-free connectors.

**c.** The **needle-free connector** guarantees the safety of the operator and reduces the risks of needle sticks and contamination. It allows the connection between the luer lock syringe and the port, with a swabable valve that provides a hermetic bond between the syringe luer tip and the valve. This structure ensures a closed system and sterility of the samples, even after syringe removal.

## 2 The overwrap bag

Safe and practical, the overwrap bag is a double protection for the samples and the freezing bag. It ensures a safe cryopreservation and prevents the risk of cross-contamination. Each bag is provided with an overwrap. The material has the same performance of the primary bag and guarantees a resistant final welding.

- Same resistant ethylene vinyl acetate (EVA) as the freezing bag;

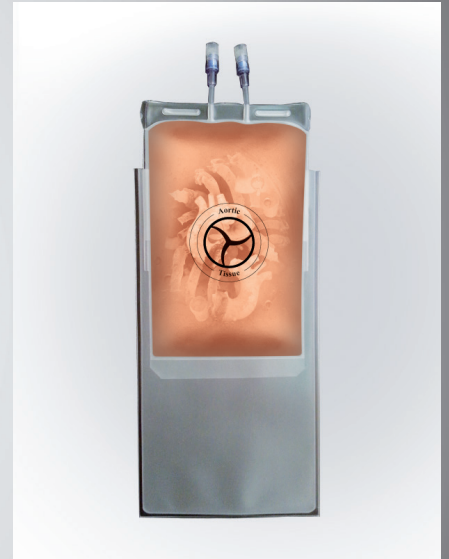
- Included in every bag kit;

- Space saving and flexible shape.

Code	Size
TC-SMALL	500
TC-LARGE	750

More sizes and configurations available.

1 The freezing bag



The overwrap bag

2

CE  
0373

The entire manufacturing process is in conformity with ISO 13485:2016 certified quality system.





ADVATIS® is a contractual joint venture between Medigas Italia S.r.l. and Haemopharm Healthcare. The combination of the experience and know how of both companies makes quality and reliability the foundation of all product design at ADVATIS®. Medigas Italia S.r.l. provides its customers with a wide range of products and services in the home healthcare, cryobiology and medical gases. Haemopharm Healthcare, as part of Paolo Gobbi Frattini Group, develops and manufactures flexible bags and medical devices for a broad spectrum of pharmaceutical and medical applications.

SAFE2® Freezing Bags have been developed thanks to the expertise of these two high-potential companies. This product line is manufactured by Haemopharm Healthcare and marketed by Medigas Italia S.r.l. worldwide.

ADVATIS® portfolio provides innovative and proved solutions in the cryopreservation and cell therapy field. We offer a wide range of products intended for different stages of collection and manipulation of stem cells and tissues. Thanks to our R&D Team's support and flexibility throughout all the manufacturing process, ADVATIS® can offer custom-made solutions to meet customers' needs.

Partnership between:



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