



# *BioRipar*<sup>®</sup>

PORCINE DERMIS



**ASSUT EUROPE**

SUTURE CHIRURGICHE



*More than surgery*

# ASSUT EUROPE S.P.A.

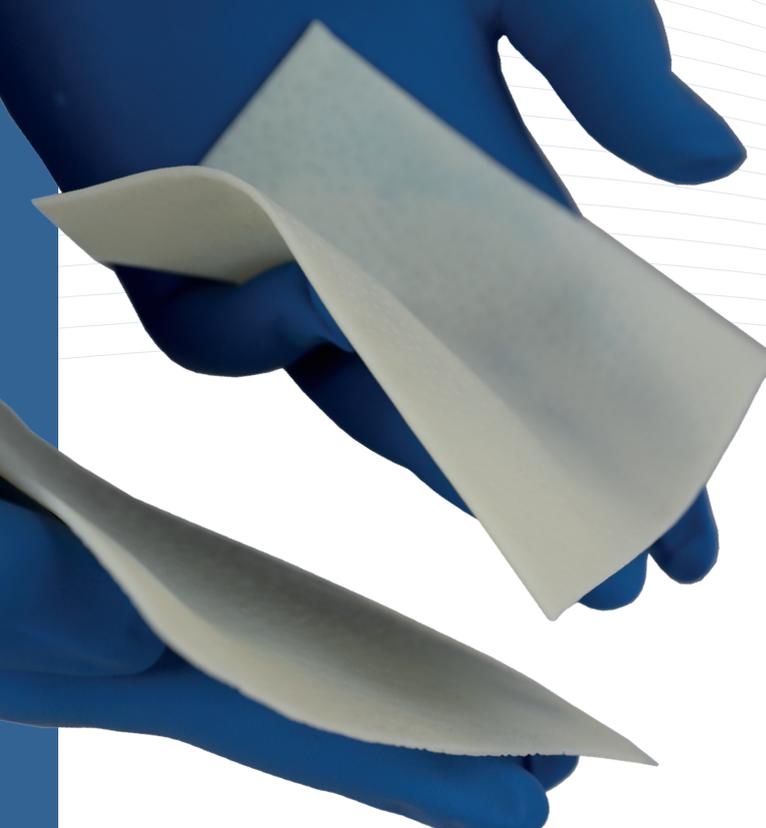


*More than surgery*

**Assut Europe S.p.A.**, founded in 1991, is an Italian factory of surgical sutures, present all over the world with the commercialization of a wide range of medical devices and biomedical systems.

Our vision, based on the logic of total quality management and lean production, is oriented to customer satisfaction through an offer focused on certified and high quality products, resulting from a constant research and development for innovation at the service of the various surgical specialties.

General surgery, vascular surgery, cardiac surgery, orthopedic thoracic surgery represent only some of our areas of reference.



# BioRipar<sup>®</sup>

PORCINE DERMIS  
COLLAGEN MATRIX

The medical device is a collagen membrane obtained from the dermis extracted from porcine skin, subjected to a multiphase chemical treatment, conceived and developed by ASSUT EUROPE S.p.A. The manufacturing process is aimed at the complete destruction of the cells and the subsequent removal of polluting cells and protein residues, including nucleic acids, keratin and fats, without altering the three-dimensional structure of collagen and its biomechanical properties.

The medical device is available in two forms:

1. one form composed of type I and type III collagen, and elastin, obtained by removing the hypodermis and epidermis, leaving the central layer of the dermis
2. another form reinforced with the basement membrane, composed of type IV and type VII collagen.

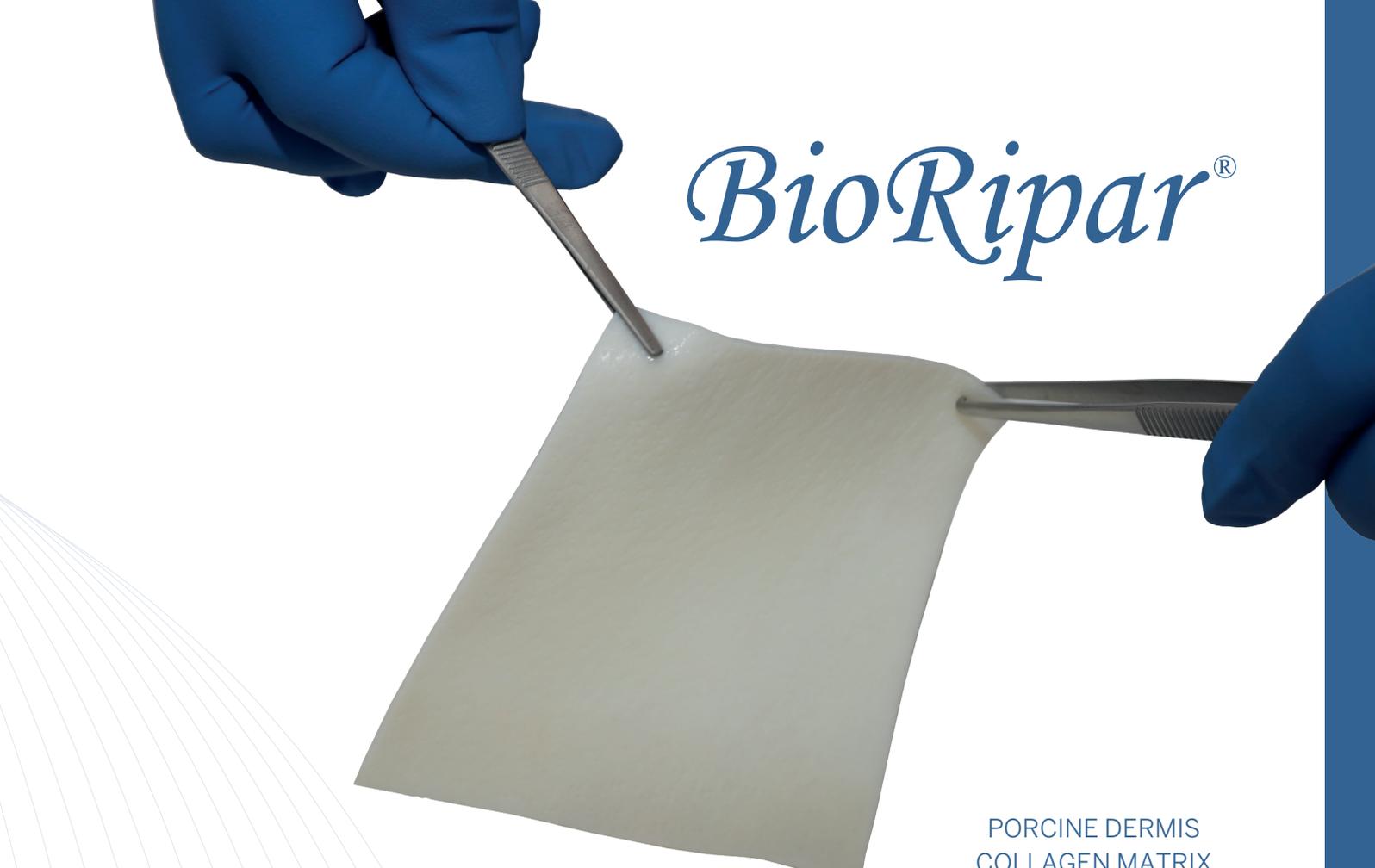
The device acts as a matrix for the germination of fibroblasts, the formation of new tissues and blood vessels. Simultaneously with the creation of new tissues there is a gradual degradation of the dermis collagen.

The porous structure of the native porcine dermis ensures long-term drainage.

## PRODUCT FEATURES

The most important feature of Bioripar Porcine Dermis is its collagen structure (type I and III), which guarantees its stability while still being soft and flexible. The membrane is easily suturable.

After its application, the collagen matrix repairs damaged surfaces. The organism reacts to the introduction of collagen by starting the repair process of damaged tissues: it begins to release a large number of cytokines, growth factors, and gradually replaces the implanted material with healthy tissues.



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## ORIGIN

The raw material of Bioripar Porcine Dermis comes from pigs reared and slaughtered in Italy.

**Standard membrane thickness:** 1,0+0,2 mm

**Reinforced membrane thickness:** 1,5+0,2 mm

The device is "latex free" and "phthalates free"

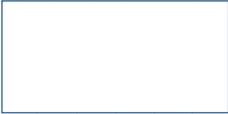
## INDICATIONS

The membrane is indicated for the reinforcement, reconstruction and / or surgical repair of damaged, torn soft tissues and / or in the presence of sagging, such as in the case of: abdominoplasty, hernioplasty, urogynecology, mammoplasty, pediatric surgery, periodontology and implantology.

## HOW TO USE

The device must be used within 4 hours after opening the package. Before implantation, it can be immersed in sterile saline solution at room temperature if necessary.

Fix the membrane by suturing it.

CODE	DESCRIPTION	SIZE (CM)	SHAPE
AEDP 080-180 10	Rectangular with 1,0mm thickness	8x18	
AEDP 080-180(R)15	Rectangular with 1,5mm thickness	8X18	
AEDP 120-200 10	Rectangular with 1,0mm thickness	12x20	
AEDP 120-200(R)15	Rectangular with 1,5mm thickness	12x20	
AEDP 200-250 10	Rectangular with 1,0mm thickness	20x25	
AEDP 200-250(R)15	Rectangular with 1,5mm thickness	20x25	
AEDP 200-350 10	Rectangular with 1,0mm thickness	20x35	
AEDP 200-350(R)15	Rectangular with 1,5mm thickness	20x35	
AEDP 300-300 10	Rectangular with 1,0mm thickness	30x30	
AEDP 300-300(R)15	Rectangular with 1,5mm thickness	30x30	





# ASSUT EUROPE

SUTURE CHIRURGICHE



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