

exASHAPE

THIS CATALOGUE IS INTENDED FOR HEALTHCARE PROFESSIONALS.

*Refer to the Instructions for Use for detailed information
on Intended Use, Warnings and Precautions.*



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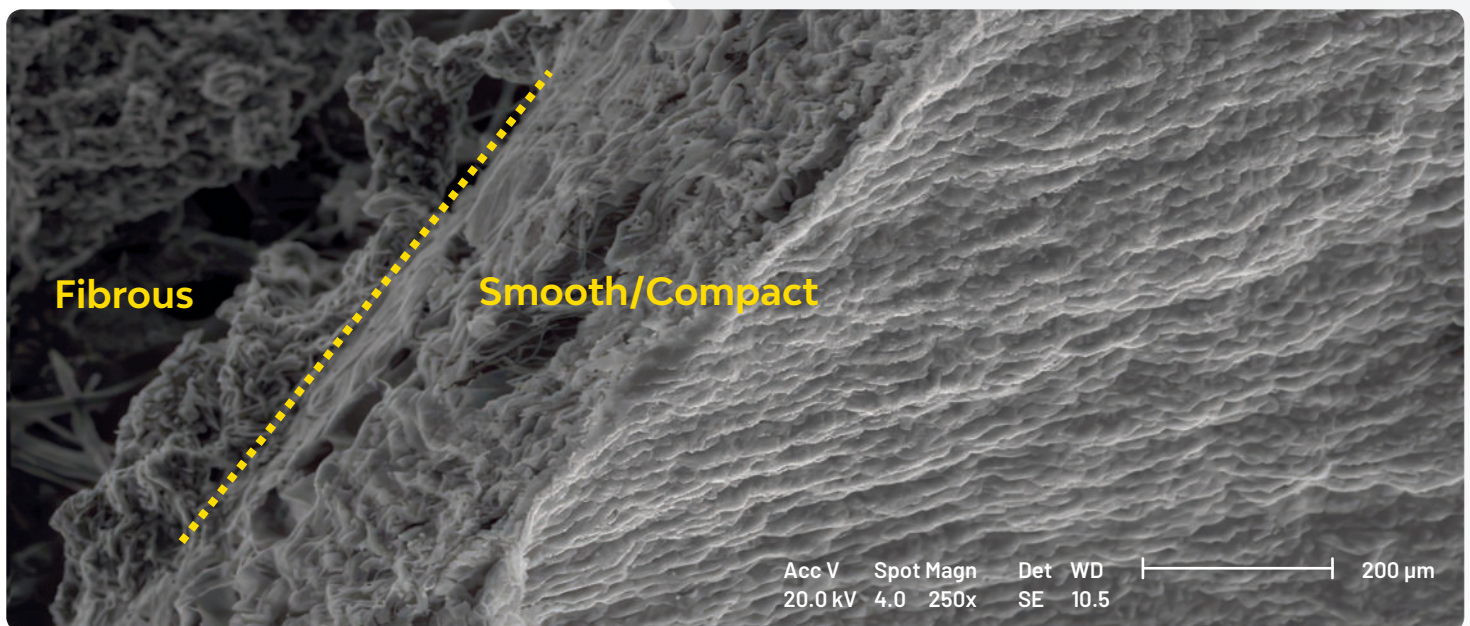


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BOVINE PERICARDIUM COLLAGEN MEMBRANE

Exashape is a membrane obtained by processing pericardium from cattle that are younger than 24 months. During their growth they are selected and controlled at all stages. Bovine pericardium is widely used as a bioprosthesis extracellular matrix tissue. The efficacy of this membrane as a scaffold is due to the quality of the decellularisation (cell-friendly) protocol, which provides not only the inactivation of pathogens, but also the complete destruction of cells, fats and non collagenous proteins, allowing the three-dimensional structure of the collagen and its mechanical properties to be maintained.¹

These specifications are important for the success of the surgical repair process, as they are able to efficiently and quickly reproduce the biological properties of autologous tissue, controlling inflammation and promoting cell proliferation and migration². Furthermore, the reduced amount of implanted biological mass (at least 50% less than a dermis membrane) makes integration possible even in the event of poor blood supply, while still maintaining the highest biomechanical performances¹⁻⁴.



BILAYER BY NATURE

Designed for use in Plastic and Reconstructive Surgery and Breast Surgery, Exashape membrane consists of two layers:

Fibrous layer, highly porous, allows cytokines and growth factors to trigger the process of immediate revitalisation of endogenous connective tissue and early neoangiogenesis² with high neoformation of vessels^{2,3}.

Smooth/Compact layer, provides structural support, reactivating fibroblasts and VEGF² which enable the reparative process with formation of new tissue and blood vessels.