

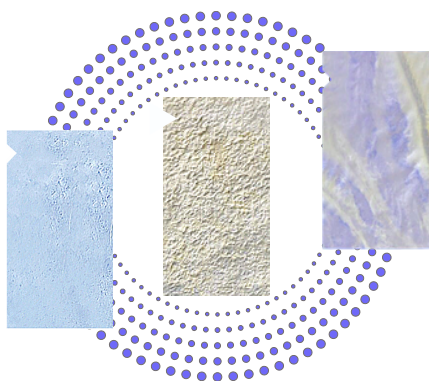


AMNIOTIC & UMBILICAL MEMBRANE

FuseChoice™ Amnion and Umbilical Membrane Allografts may be used as an anatomical barrier in numerous clinical applications. The natural properties of amniotic tissue help provide mechanical protection to damaged tissue, while the proprietary process retains nutrient-rich growth factors essential for signaling.

COMPOSITION

- Semi-transparent, resilient membrane that lines the upper cavity of the placenta.
- Acts as an immune-privileged protective barrier during fetal development.¹
- Applied as an anatomical barrier that helps provide mechanical protection while retaining endogenous growth factors.^{1,2,4}
- Proprietary process preserves the natural properties of amniotic tissue, maintaining inherent levels of key extracellular matrix molecules, including proteins, carbohydrates, growth factors, and cytokines.⁵

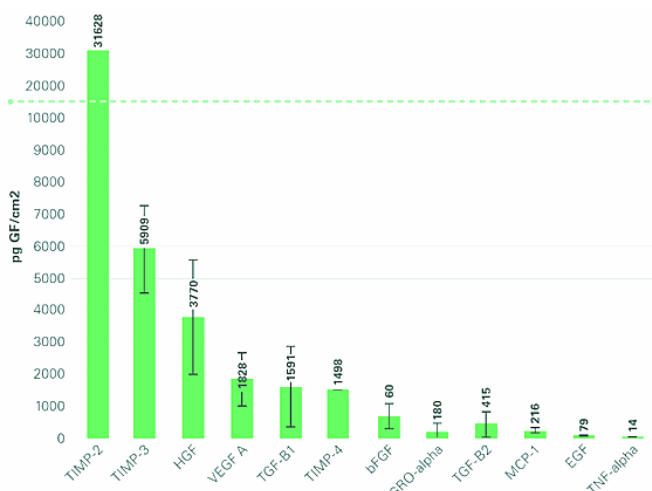


VERSATILITY

- Requires no up-front preparation.
- Hydrates rapidly in the surgical site.
- Ambient temperature storage with a 5-year shelf-life.
- Notch and orientation stickers to designate placement of the epithelial side upwards.
- Amniotic tissue has been used for over 100 years with well-documented clinical success.

SAFETY

- Amniotic tissue is recovered from healthy mothers who have undergone Cesarean section delivery.
- FuseChoice™ Amnion Membranes are processed in accordance with FDA regulations and AATB standards.³
- E-Beam sterilization provides sterility assurance level (SAL) of 10⁻⁶.



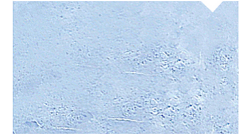
Growth Factors Released from FuseChoice™ Max After 24 Hours at 37 Degrees Celsius

AMNIOTIC SINGLE LAYER MEMBRANE

- Traditional single layer amnion allograft
- Derived from the amnion layer of the placental membrane
- Offered in large sizes to meet physician needs
- Ideal for numerous surgical and soft tissue applications

FuseChoice™ AM (THIN)

PRODUCT NUMBER	SIZE
ABC – 5230	2x3 cm
ABC – 5440	4x4 cm
ABC – 5460	4x6 cm



AMNIOTIC MULTI LAYER MEMBRANE

- Flexible multilayer allograft
- Derived from the amnion and chorion layers of the placental membrane
- Approximately 4X thicker than traditional single layer amnion
- Improved handling and increased workability

FuseChoice™ Plus AM (MULTI)

PRODUCT NUMBER	SIZE
ABP – 5230	2x3 cm
ABP – 5440	4x4 cm
ABP – 5460	4x6 cm



UMBILICAL MEMBRANE - SUTURABLE

- Maximum natural thickness allograft
- Derived from the umbilical cord
- Approximately 8X thicker than traditional single layer amnion
- Offers excellent handling characteristics and the ability to be sutured

FuseChoice™ Max UC (THICK)

PRODUCT NUMBER	SIZE
ABM – 5220	2x2 cm
ABM – 5330	3x3 cm
ABM – 5350	3x5 cm
ABM – 5360	3x6 cm
ABM – 5380	3x8 cm



CORRECT



Epithelial side up

INCORRECT



fuse

1. Rowlatt, U. (1979). Intrauterine wound healing in a 20-week human fetus. *Virchows Arch A Pathol Anat Histol*, 381(3), 353-361.
2. Coolen, N.A. et al. (2010). Comparison between human fetal and adult skin. *Archives of Dermatological Research*, 302(1), 47-55.
3. Fairbairn, N.G. et al. (2014). The clinical applications of human amnion in plastic surgery, 67, 662-675.
4. Niknejad H, Peirovi H, Jorjani M, et al. Properties of the amniotic membrane for potential use in tissue engineering. *Eur Cell Mater*. 2008;15:88-89.
5. Delcroix GJ, Namin S, D'Ippolito G, Temple HT, Marshall R. Preserving the natural regenerative potential of amniotic membrane. *Vivex Biomedical*.
6. Data on file at Vivex Biologics, Inc.