



# ALPHA FUSE

MOLDABLE AND BLENDED ALLOGRAFT TISSUE

AlphaFuse is an advanced bone allograft with biologically available bone mineral and growth factors

## Innovative Tissue Processing

- **Soluble bone mineral** is extracted from ground cortical bone and is retained within the moldable, bone derived carrier.
- Extraction process creates **surface activated bone particles** with exposed growth factors and collagen.
- Resulting bone particles also have a mineralized core.

## Advanced Bone Healing

- **Soluble bone mineral** provides a direct and readily accessible source of calcium and phosphate to aid in the bone formation process.
- The collagen and growth factors found on the **surface activated bone** provide focused biological activity and enhance the bone regeneration process.
- The **mineralized core** allows the bone particles to function as prolonged scaffold for new bone formation.



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**Advanced Allograft:** AlphaFuse is an advanced bone tissue allograft comprised of 100% human bone with no extrinsic carrier. Using Frontline's innovative AlphaFuse tissue processing technique, bone mineral is solubilized and retained in the bone gelatin carrier. The soluble bone mineral found in AlphaFuse is a readily accessible form that aids in the bone mineralization process. AlphaFuse also contains bone particles that have a unique surface activated, outer layer and a mineral core. The exposed growth factors and collagen on the surface of the bone particles are actively involved in new bone regeneration. The mineralized core allows the AlphaFuse particles to function as a prolonged bone formation scaffold. This is advantageous in challenging bone graft sites where new bone is formed at a slower rate.

**Innovative Processing:** AlphaFuse process was specifically developed to capitalize on the beneficial bone graft properties of allograft bone. Standard allograft bone products require the tissue to be partially broken down by the body prior to becoming involved in healing. Unlike these grafts, AlphaFuse provides beneficial bone mineral and growth factors that are immediately available for use in the bone regeneration process.

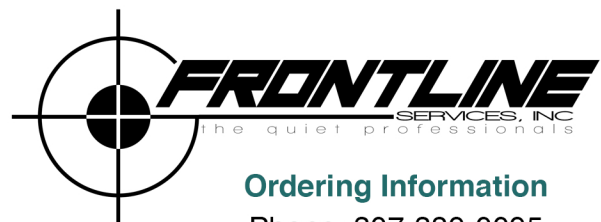
**Quality & Safety:** AlphaFuse is comprised of donated human tissue that has been screened, recovered and tested in full compliance with FDA, States and AATB requirements. Frontline products are manufactured under strict controls and terminally sterilized with validated methods to ensure all products meet a SAL of  $10^{-6}$  and provide the highest quality, safety and effectiveness.



AlphaFuse is an advanced allograft that is uniquely formulated, thereby differentiating and distinguishing it from other grafting options.

## Product Offering

Type	Item Number	Size
Moldable	FL-AF-05cc-MD	0.5cc
	FL-AF-1cc-MD	1.0cc
	FL-AF-2.5cc-MD	2.5cc
	FL-AF-5cc-MD	5.0cc
	FL-AF-10cc-MD	10.0cc
Blend	FL-AF-1cc-BD	1.0cc
	FL-AF-5cc-BD	5.0cc
	FL-AF-10cc-BD	10.0cc



## Ordering Information

Phone: 307-389-0095

Email: [orders@flservicesinc.com](mailto:orders@flservicesinc.com)

[www.flservicesinc.com](http://www.flservicesinc.com)

The Frontline Services AlphaFuse Product Line is regulated by the FDA under 21 CFR Part 1271 Human Cells, Tissues and Cellular and Tissue-Based Products (HCT/Ps). AlphaFuse is distributed and processed by Stability Biologics®, 1077 Central Pkwy S., Suite 500, San Antonio, TX 78232. Stability Biologics® is registered with the FDA for tissue processing and accredited by the American Association of Tissue Banks (AATB).

6 Los Cruces Trail, Big Spring TX 79720

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