



PliaFX[®] Prime

Clinical Overview

PliaFX Prime is 100% bone fibers, demineralized to encourage bone formation and healing. The fibers interlock, allowing the graft to become moldable upon rehydration without the use of a carrier.

Applications

Surgical procedures that require bone void filler

Why Use

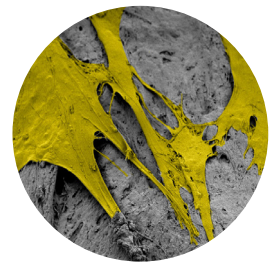
- **100% Bone:** Grows more bone than DBMs containing a carrier, as demonstrated in literature¹
- **Moldable:** Conforms to the surgical site
- **Customizable:** Easily mixes with autograft, allograft, and/or fluid of surgeon's choice
- **Resists Migration:** Interlocking fibers allow graft to remain intact and in place
- **Convenience:** Ambient storage and rapid rehydration
- **Osteoconductive:** Large surface area and interconnected network of demineralized cortical fibers provides a scaffold that promotes cellular attachment and cell spreading^{2,3}
- **Osteoinductive Potential:** Every lot tested in a rodent model as a final product to ensure osteoinductive potential
- **Safety:** Sterilized using proprietary Allowash XG[®] technology, providing a sterility assurance level of 10^{-6} to reduce the risk of disease transmission without compromising the graft's osteoconductive properties or osteoinductive potential^{3,4}



100% bone fibers



Moldable upon rehydration



Hospitable environment for bone growth. Cell spreading at 7 days





PliaFX Prime

Ambient Storage*

Order Code	Volume	Shelf Life
BL-1800-00	0.5 cc	4 years
BL-1800-01	1.0 cc	4 years
BL-1800-02	2.5 cc	5 years
BL-1800-05	5.0 cc	5 years
BL-1800-10	10.0 cc	5 years

*While ambient room temperature has not been defined by regulatory bodies, LifeNet Health would recommend storage at 2°C to 37°C with excursions of less than 24 hours up to 40°C. If an excursion outside this range occurs, please contact LifeNet Health.

References

1. Kay JF, Vaughan LM. Proportional osteoinduction of demineralized bone matrix graft materials. February 2004: AW-02041.
2. Murphy MB, Suzuki RK, Sand TT, et al. Short term culture of mesenchymal stem cells with commercial osteoconductive carriers provides unique insights into biocompatibility. J Clin. Med. 2013; 2,49-66; doi:10.3390/jcm2030049
3. Data on file LifeNet Health, ES-17-111-02
4. Eisenlohr LM. "Allograft Tissue Sterilization Using Allowash XG(R)." 2007 Bio-Implants Brief.

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