PliaFX® Prime & Strip

Clinical Overview

The PliaFX family of osteobiologics is comprised of 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.

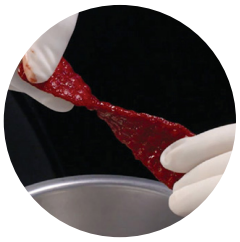
Applications

- Posterolateral fusion
- Posterior cervical fusion
- Surgical application that requires bone void filler

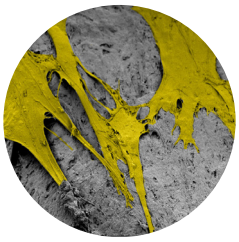
Features & Benefits

- **100% Bone:** Grows more bone than DBMs containing a carrier, as demonstrated in literature.[1]
- **Moldable:** Conforms to the surgical site.
- **Resists Migration:** Interlocking fibers allow graft to remain intact and in place.
- **Customizable:** PliaFX Prime easily mixes with autograft, allograft, and/or fluid of surgeon's choice. PliaFX Strip can be cut to size after rehydration to match surgical needs.
- **Convenience:** Ambient storage.
- **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

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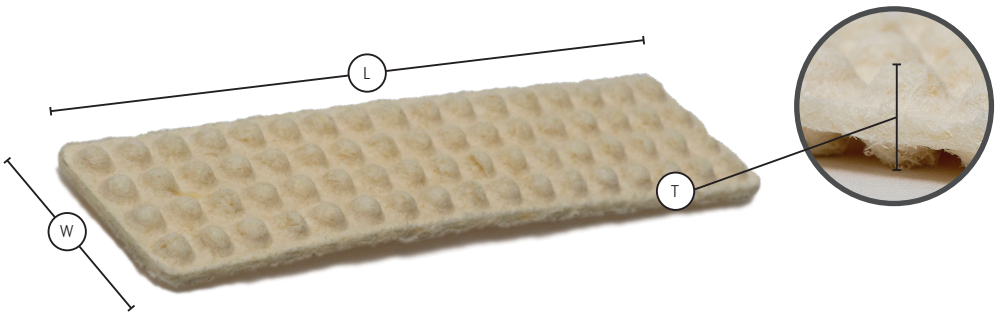
PliaFX Prime

*Ambient Storage

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



PliaFX Strip

*Ambient Storage / Shelf Life 5 years

Length	Width	Thickness	Order Code
100 mm	25 mm	4 mm	BL-1700-25100
50 mm	25 mm	4 mm	BL-1700-25050

*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.

Instructions for use available at **LifeNetHealth.org/IFU**

References

1. Kay JF, Vaughan LM. Proportional osteoinduction of demineralized bone matrix graft materials. February 2004: AW-0204.1.
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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