



PliaFX® Strip

Clinical Overview

PliaFX Strip is composed of 100% cortical bone fibers, demineralized to encourage bone formation and patient healing. When rehydrated with blood or bone marrow aspirate, the PliaFX Strip remains intact and is flexible to conform to the implant site.

Applications

- Posterolateral Fusion
- Posterior Cervical Fusion
- Any surgical application that requires bone void filler

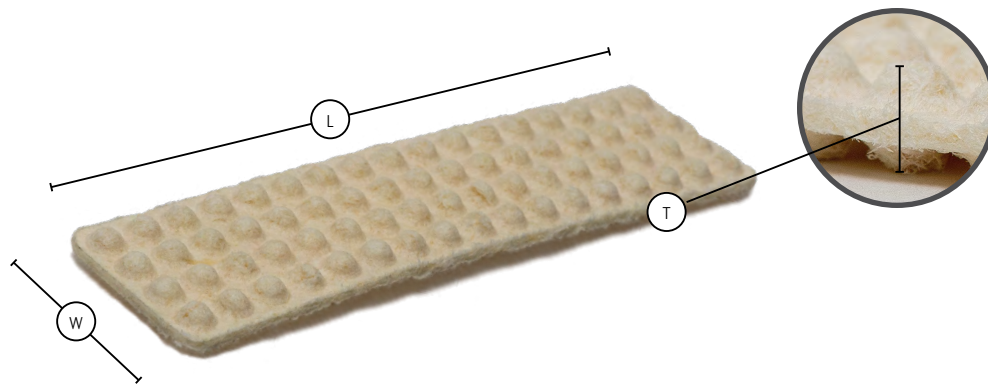
Why Use

- **Osteoinductive Potential:** Optimally demineralized by LifeNet Health's patented and proprietary PAD® technology to expose natural growth factors¹⁻⁵
- **Osteoconductive:** Provides a scaffold with specific pore size and porosity to promote cellular attachment and proliferation⁶
- **100% Cortical Bone:** Facilitates natural remodeling during the bone healing process (no human or synthetic carriers)
- **Resists Migration:** Pre-formed to remain intact and in place
- **Versatile:** Customizable and flexible upon rehydration to conform to the implant site
- **Safety:** Terminally sterilized using proprietary and patented Allowash XG® technology, providing a sterility assurance level of 10^{-6} to reduce the risk of disease transmission
- **Convenient:** Ambient storage for up to 5 years

References

1. Zhang M, Powers RM, and Wolfinbarger L. Effect(s) of the demineralization process on the osteoinductivity of demineralized bone matrix. J Periodontol. 1997; 68:1085-1092
2. Turonis JW, McPherson JC 3rd, Cuenin MF, et al. The effect of residual calcium in decalcified freeze-dried bone allograft in a critical-sized defect in the Rattus norvegicus calvarium. J Oral Implantol. 2006; 32(2):55-62
3. Herold RW, Pashley DH, Cuenin MF, et al. The effects of Varying degrees of Allograft Decalcification on Cultured Porcine Osteoclast cells. J Periodontol. 2002 Feb; 73(2):213-9
4. Mott DA, Mailhot J, Cuenin MF, et al. Enhancement of osteoblast proliferation in vitro by selective enrichment of demineralized freeze-dried bone allograft with specific growth factors. J Oral Implantol. 2002; 28(2):57-66
5. Pietrzak WS, Ali SN, Chitturi D, et al. BMP depletion occurs during prolonged acid demineralization of bone: characterization and implications for graft preparation. Cell Tiss. Bank. 2007 (Published on line)
6. Data on file at LifeNet Health, DHF 14-006
7. Hunt, D.G. & Chandler, C & Ulrich, D.A. & Poska, R & Montero, A. (2013). USP council of experts USP controlled room temperature range expansion. Pharmacopeial Forum. 39





PliaFX Strip

Store at ambient* temperature for up to 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 the AATB, the expanded controlled room temperature range suggested by the U.S. Pharmacopeial (USP) stimulus document is 2°C to 30°C with excursions up to 40°C.⁷



Readily absorbs blood to become pliable



Malleable while remaining intact



Customizable for various clinical applications



Conforms to the implant site and stays in place

68-60-141.02

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North America
1.888.847.7831
orders@lifenethealth.org

Europe
+ 43 1 375002710
eu_orders@lifenethealth.eu

Latin America □ **Asia** □ **Middle East**
1.757.464.4761 ext. 2000
internat.orders@lifenethealth.org

LifeNetHealth.org
LifeNetHealth.eu