

FlexHD[®]

PLIABLE™

Specifically designed for breast reconstruction



A flexible hydrated acellular dermal matrix.

*Created for when a more supple graft is preferred
for breast reconstruction surgery.*



MTF: The Better Approach To a Better Allograft

Better Standards:

- Board of directors comprised primarily of surgeons
- 25-years – run by surgeons, for surgeons
- Donor selection criteria set by Medical Board of Trustees
- Largest network of tissue recovery partners
- Five-million recipients. Ninety thousand donors. Exemplary safety record.

Better Donors:

- Low maximum age of acceptance
- Strict medical and social history restrictions
- Strictest criteria for cancer
- Less than 3% of referred donors are accepted

Better Processing:

- No cross linking means better tissue incorporation
- No terminal sterilization
- No use of harsh processes that may affect the clinical performance of the tissue



FlexHD[®]

PLIABLE[™]

We Listened:

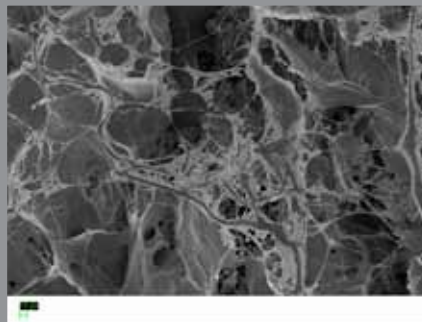
Top surgeons suggested a more supple, elastic acellular dermal matrix for breast reconstruction surgery. In response, MTF developed a new offering: FlexHD Pliable, which is both flexible and strong. It is pliable enough to stretch easily when the expander is filled, but maintains the strength needed to keep the implant in place and help form the pocket.

FlexHD Pliable is derived from a deeper cut into the dermal tissue. This yields a more consistent, open, collagen matrix which may help the graft incorporate faster.

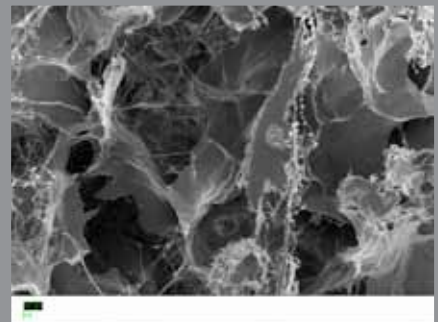
Open Architecture on Both Sides of the Graft

The unique processing of FlexHD Pliable produces a very uniform graft. The dermal and epidermal sides are nearly identical in structure. Host cells can easily adhere to both sides of the graft.

epidermal



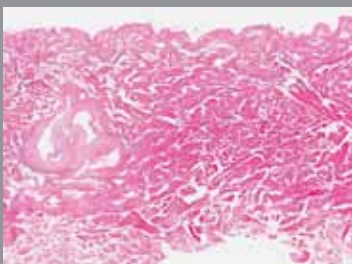
dermal



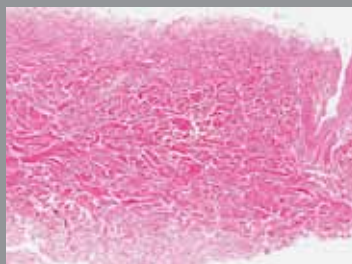
Data on file

Open Architecture Throughout the Graft

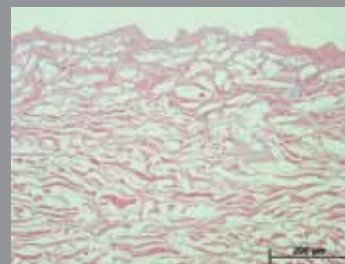
FlexHD
Histology 20X



FlexHD Pliable
Histology 20X



AlloDerm
Histology 20X

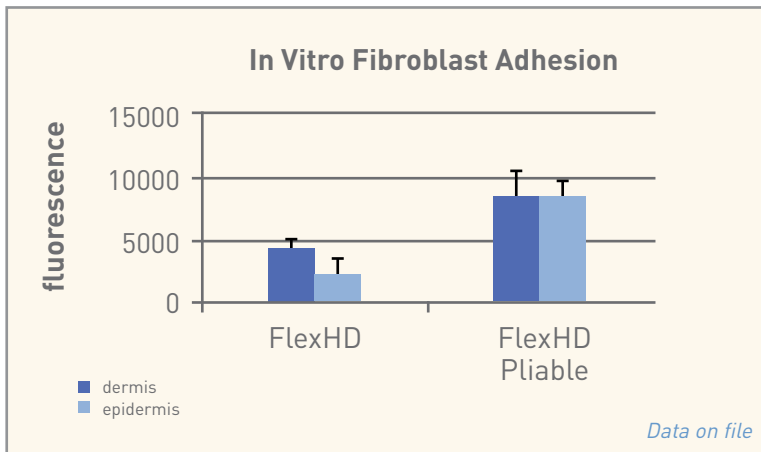


← epidermal side

← dermal side

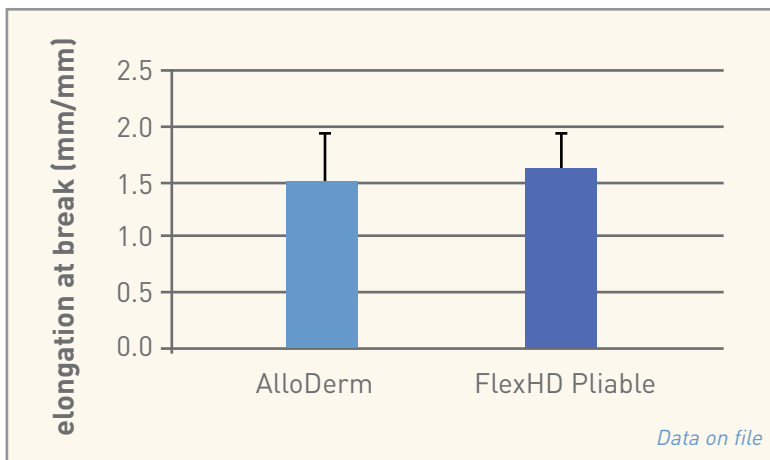
Unlike AlloDerm[®], FlexHD Pliable has a consistent, robust, open, collagen structure. The dermal and epidermal sides are almost identical, which may allow for quicker incorporation and vascularization.¹

Increased Cell Adhesion



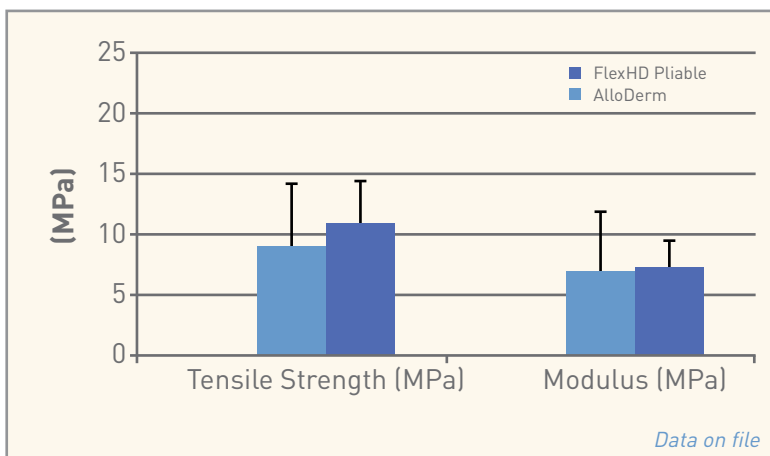
Fibroblast measurements demonstrate increased cell adhesion compared to FlexHD. Additionally, FlexHD Pliable has very similar cell adhesion on both the epidermal and dermal sides of the graft. In preclinical models better cell adherence has been shown to result in faster incorporation.¹

Improved Elasticity



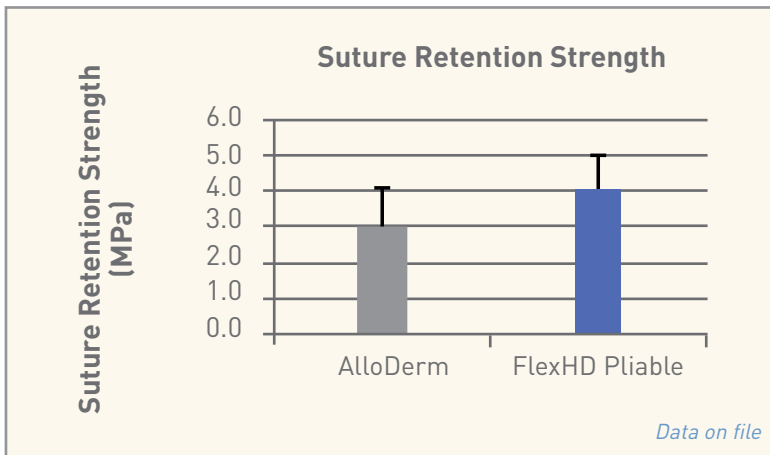
Elongation at break testing is used to assess how far the graft will stretch before it breaks. In these tests FlexHD Pliable proved to be more elastic than FlexHD and comparable to AlloDerm.

Stronger and Pliable



Helps maintain the natural contour of the breast. Tensile strength and modulus testing are used to assess the strength and elasticity of dermal tissues. FlexHD Pliable demonstrated similar elasticity and superior strength when compared to AlloDerm.

Greater Suture Retention Strength



Superior suture retention strength gives greater confidence in the holding power of the graft.

FlexHD Pliable: An Evolutionary Graft For Breast Reconstruction

- Open architecture on both the epidermal and dermal sides as well as throughout the graft

Allows greater fibroblast adhesion

- Greater cell adhesion: Fibroblasts adhere to both sides of the graft

May result in faster incorporation and vascularization

- Increased elasticity

Stretches more easily as the breast is expanded

- Stronger than AlloDerm

Use with confidence

- Greater suture retention strength

Fewer concerns about suture pull-out



FlexHD® Pliable™		
Tissue Code	Dimensions	Thickness
▶ THIN		
HP0412	FlexHD Pliable 4cm x 12cm	0.4mm – 0.8mm
▶ THICK		
HP1412	FlexHD Pliable 4cm x 12cm	0.8mm – 1.7mm
HP1612	FlexHD Pliable 6cm x 12cm	0.8mm – 1.7mm
HP1416	FlexHD Pliable 4cm x 16cm	0.8mm – 1.7mm
HP1616	FlexHD Pliable 6cm x 16cm	0.8mm – 1.7mm
HP1816	FlexHD Pliable 8cm x 16cm	0.8mm – 1.7mm
HP1206	FlexHD Pliable 6cm x 20cm	0.8mm – 1.7mm
HP1208	FlexHD Pliable 8cm x 20cm	0.8mm – 1.7mm
▶ ULTRA THICK		
HP2412	FlexHD Pliable 4cm x 12cm	1.8mm - 2.5mm
HP2612	FlexHD Pliable 6cm x 12cm	1.8mm - 2.5mm
HP2416	FlexHD Pliable 4cm x 16cm	1.8mm - 2.5mm
HP2616	FlexHD Pliable 6cm x 16cm	1.8mm - 2.5mm
HP2816	FlexHD Pliable 8cm x 16cm	1.8mm - 2.5mm
HP2206	FlexHD Pliable 6cm x 20cm	1.8mm - 2.5mm
HP2208	FlexHD Pliable 8cm x 20cm	1.8mm - 2.5mm

FlexHD® Pliable™ Breast Kits		
Tissue Code	Dimensions	Thickness
▶ THIN		
PK0412	FlexHD Pliable Breast Kit 4cm x 12cm	0.4mm – 0.8mm
▶ THICK		
PK1412	FlexHD Pliable Breast Kit 4cm x 12cm	0.8mm – 1.7mm
PK1612	FlexHD Pliable Breast Kit 6cm x 12cm	0.8mm – 1.7mm
PK1416	FlexHD Pliable Breast Kit 4cm x 16cm	0.8mm – 1.7mm
PK1616	FlexHD Pliable Breast Kit 6cm x 16cm	0.8mm – 1.7mm
PK1816	FlexHD Pliable Breast Kit 8cm x 16cm	0.8mm – 1.7mm
PK1206	FlexHD Pliable Breast Kit 6cm x 20cm	0.8mm – 1.7mm
PK1208	FlexHD Pliable Breast Kit 8cm x 20cm	0.8mm – 1.7mm
▶ ULTRA THICK		
PK2412	FlexHD Pliable Breast Kit 4cm x 12cm	1.8mm - 2.5mm
PK2612	FlexHD Pliable Breast Kit 6cm x 12cm	1.8mm - 2.5mm
PK2416	FlexHD Pliable Breast Kit 4cm x 16cm	1.8mm - 2.5mm
PK2616	FlexHD Pliable Breast Kit 6cm x 16cm	1.8mm - 2.5mm
PK2816	FlexHD Pliable Breast Kit 8cm x 16cm	1.8mm - 2.5mm
PK2206	FlexHD Pliable Breast Kit 6cm x 20cm	1.8mm - 2.5mm
PK2208	FlexHD Pliable Breast Kit 8cm x 20cm	1.8mm - 2.5mm



MTF Customer Service: 800-433-6576

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1. Eberli D, Rodriguez S, Atala A, Yoo JJ. In vivo evaluation of acellular human dermis for abdominal wall repair. *J Biomed Mater Res A*. 2010;93(4):1527-1538

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 AlloDerm is a registered trademark of LifeCell
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