



# ArthroFLEX<sup>®</sup>

## Acellular Dermal Matrix

**Clinical Overview** ArthroFlex is an acellular dermal matrix used to supplement soft tissue repairs such as the Achilles tendon and rotator cuff. It has  $\geq 97\%$  DNA removal, comes ready-to-use right out of the package, can be stored at room temperature (15°C - 30°C), and has a Sterility Assurance Level (SAL) of  $10^{-6}$ , which is equal to medical device-grade sterility.

- Applications**
- Augment repairs of the rotator cuff
  - Augment repairs of the Achilles, biceps, quad and patellar tendons
  - Reinforce peroneal/tibialis tendons and flexor/extensor tendons of hand and foot
  - Reinforce capsular repairs
  - Suture reinforcement of soft tissue repairs

- Features & Benefits**
- **Improved Clinical Outcomes:** ArthroFlex demonstrated decreased re-tear rates and improved patient reported outcome scores after one and two years.<sup>2,3</sup>
  - **Increased Safety:** Sterile with a SAL of  $10^{-6}$  means lower risk of disease transmission.
  - **Decellularized:** Uses Matracell<sup>®</sup> technology to remove  $\geq 97\%$  DNA and cellular remnants to decrease likelihood of immune response.<sup>1,4</sup>
  - **Promotes Rapid Healing:** Biocompatible and retains natural growth factors, collagen and elastin.<sup>1,4</sup>
  - **Convenient:** Preservon<sup>®</sup> technology allows graft to be stored fully hydrated at room temperature (15°C - 30°C) so it can be used right out of the package, without lengthy OR reconstitution processes.<sup>1,4</sup>
  - **Versatility:** Available in multiple sizes and thicknesses.





## ArthroFlex Acellular Dermal Matrix

Room Temperature Storage (15°C - 30°C) / 3 Year Shelf Life

Size	Thickness	Order Code
35 x 35 mm	1.5 mm (1.26 - 1.74)	AFLEX100
40 x 70 mm	1.5 mm (1.26 - 1.74)	AFLEX101
50 x 90 mm	1.5 mm (1.26 - 1.74)	AFLEX103
15 x 140 mm	1.5 mm (1.26 - 1.74)	AFLEX150
35 x 35 mm	2.0 mm (1.76 - 2.25)	AFLEX200
40 x 70 mm	2.0 mm (1.76 - 2.25)	AFLEX201
25 x 30 mm	2.0 mm (1.76-2.25)	AFLEX 202
40 x 50 mm	3.0 mm (2.5 - 3.5)	AFLEX300
40 x 70 mm	3.0 mm (2.5 - 3.5)	AFLEX301
50 x 60 mm	3.0 mm (2.5 - 3.5)	AFLEX302
40 x 40 mm	1.0 mm (1.26 - 1.74)	AFLEX400
40 x 70 mm	1.0 mm (1.26 - 1.74)	AFLEX401
30 x 40 mm	0.5 mm (0.3 - 1.0)	AFLEX500
BioWasher® 10 x 14 mm, 2 pack	2.0 mm (1.76 - 2.24)	AFLEX822

Instructions for use available at [LifeNetHealth.org/IFU](https://www.lifenethealth.org/IFU)

### References

1. Data on file at LifeNet Health TR-0272 to 65-0272
2. Gilot GJ, Alvarez AM, Barcksdale L. Outcome of large to massive rotator cuff tears repaired with and without extracellular matrix augmentation: A prospective comparative study. *Arthroscopy*. 2015 Apr 17. pii: S0749-8063(15)00141-3.
3. Denard PJ, Brady PC, Adams CR, Tokish JM, Burkhart SS. Preliminary Results of Arthroscopic Superior Capsule Reconstruction with Dermal Allograft. *Arthroscopy*. 2018;34(1):93-9.
4. Moore MA, Samsell B, Wallis G, Triplett, S, Chen S, Linthurst Jones A, Quiz X. "Decellularization of Human Dermis Using Non-Denaturing Anionic Detergent and Endonuclease: A Review." *Journal of Cell and Tissue Banking*.

