



ArthroFLEX®

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

Why Use

- **Improved Clinical Outcomes:** ArthroFlex demonstrated decreased re-tear rates and improved patient reported outcome scores after one and two years^{2,3}
- **Increased Safety:** Sterile with a SAL of 10^{-6} means lower risk of disease transmission
- **Decellularized:** Uses Matracell® technology to remove $\geq 97\%$ DNA and cellular remnants to decrease likelihood of immune response^{1,4}
- **Promotes Rapid Healing:** Biocompatible and retains natural growth factors, collagen and elastin^{1,4}
- **Convenient:** Preservon® 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^{1,4}
- **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 |

References

1. Data on file at LifeNet Health 65-0272, IFU 63-0050-01
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*.

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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

www.LifeNetHealth.org
www.LifeNetHealth.eu