



## SPORTS MEDICINE APPLICATIONS

ROTIIUM®, ROTIIUM LoPro®, and BioCharge® are bioinductive scaffolds designed to enhance the biologic environment, supporting the healing cascade, remodeling healthy tissue, and improving long-term outcomes across a range of tendon repairs.



**SHOULDER**

ROTATOR CUFF  
BICEPS  
SUBSCAPULARIS



**KNEE**

PATELLAR TENDON, QUAD TENDON  
ACL RECONSTRUCTION  
CAPSULAR CLOSURE



**FOOT & ANKLE**

ACHILLES TENDON  
KIDNER PROCEDURE  
PERONEAL TENDON  
POSTERIOR TIBIAL TENDON  
FHL TRANSFER



**HIP**

GLUTEUS MEDIUS/MAXIMUS  
CAPSULAR CLOSURE  
HAMSTRING



**ELBOW, HAND  
& WRIST**

FLEXOR TENDON  
EXTENSOR TENDON  
TRICEPS & UCL



# ELECTROSPUN SCAFFOLDS DESIGNED TO ORCHESTRATE THE OPTIMAL ENVIRONMENT FOR TISSUE REPAIR AND REMODELING

## Electrospun Nanofiber Matrix Technology

Mimics native extracellular matrix (ECM), providing a highly porous scaffold for cell attachment, migration, and proliferation.

## Biocompatible Synthetic Polymers:

**PGA:** Polyglycolic acid + **PLCL:** Poly(lactide-co-caprolactone)

Engineered material provides a controlled biphasic degradation and high quality manufactured product without variability associated with tissue processing.



## KEY ADVANTAGES



### Smart Economics & Simplified Technique

- No disposables or additional fixation required
- Robust handling characteristics



### Versatile & Adaptable

- Supports tendon wrapping, onlay, and interpositional placement
- Accommodates suture & trimming



### Biologic Microenvironment

- Biphasic resorption of PGA & PLCL encourages cellular infiltration
- Bioactive degradants known to facilitate tissue remodeling



### Wicks Biology

- Holds active biology at the repair site (up to ~500% its weight)
- Kickstarts a pro-healing environment & promotes cellular proliferation

## PRODUCT PORTFOLIO

| PART #  | DESCRIPTION                                  | PART #  | DESCRIPTION                                  |
|---------|----------------------------------------------|---------|----------------------------------------------|
| FG-0007 | ROTIUM® Bioresorbable Wick 2 x 2 cm          | FG-0630 | ROTIUM® Lo Pro Bioresorbable Wick 6 x 3 cm   |
| FG-0043 | ROTIUM® Bioresorbable Wick 4 x 3 cm          | FG-0725 | ROTIUM® Lo Pro Bioresorbable Wick 7 x 2.5 cm |
| FG-0525 | ROTIUM® Lo Pro Bioresorbable Wick 5 x 2.5 cm | BC-2012 | BioCharge® Autobiologic Matrix 2 x 1.2 cm    |

*No special storage requirements. Recommended storage in original packaging, preferably in a cool and dry place.*

## CONTACT YOUR ATREON REPRESENTATIVE FOR MORE INFORMATION OR VISIT

[atreonortho.com/contact-us/](https://atreonortho.com/contact-us/)



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AOI-00406 Rev A  
July 2026