







Dear Valued Customer:

On behalf of Bone Bank Allografts, we appreciate you taking the time to review this product catalog. It is designed to be a strong resource for you.

The catalog provides background information on our allografts, safety and processing procedures, as well as some of the common surgical indications. This information is provided for reference purposes only and is not intended to prescribe medical care.

Bone Bank Allografts is committed to honoring the gracious gift of donation by providing the medical community with safe, high quality surgical solutions.

For your convenience, you can also access this information at our website at www.bonebank.com.

We greatly appreciate your business and if you ever have any questions, please do not hesitate to contact our sales team at (800) 397-0088. It is always our great pleasure to assist you.

# TABLE OF CONTENTS

| About Bone Bank Allografts    | 5  |
|-------------------------------|----|
| Allograft Processing          | 8  |
| An Introduction to Allografts | 12 |

#### AMNIOTIC SPECIALTY PRODUCTS

| SteriShield® Protective Amnion Patch            | 14 |
|---|----|
| Amnios <sup>™</sup> Cryopreserved Liquid Amnion | 15 |
| Amnios <sup>™</sup> RT Acellular Liquid Amnion  | 15 |

#### STERILE DEMINERALIZED CORTICAL BONE

| SteriScaf HSA <sup>™</sup> Cortical Bone Fibers |  |
|---|--|
|---|--|

#### STERILE DEMINERALIZED BONE MATRIX

#### STERILE PRECISION SPECIALTY ALLOGRAFTS

| SteriSorb <sup>™</sup> - Osteoconductive Sponge Allografts                                 | 18 |
|--|----|
| SteriGraft $^{\circ}$ – ACF Spacer 11x14mm, 5 $^{\circ}$ Lordosed and Parallel             | 20 |
| SteriGraft <sup>®</sup> - ACF Cortical-Cancellous Spacer 11x14mm, 5° Lordosed and Parallel | 21 |
| SteriGraft <sup>®</sup> - PLIF 9x23mm, Parallel  | 22 |
| SteriGraft <sup>®</sup> - ALIF 28x28mm, 7º and 12º Lordosed                                | 22 |
| SteriGraft <sup>®</sup> - Dense Cancellous Block 12x14mm, Parallel                         | 24 |
| SteriGraft <sup>®</sup> - Unicortical Dense Cancellous Block 12x14mm, Lordosed 5°          | 25 |
| SteriFlex® - Wrappable Bone Allografts   | 25 |

#### STERILE SOFT TISSUE ALLOGRAFTS

| SteriGraft® - Hemi/Whole Patellar Tendon                      | . 26 |
|---|------|
| SteriGraft <sup>®</sup> - Pre-Shaped Patellar Tendon 10mm     | . 26 |
| SteriGraft $^{\circ}$ – Achilles Tendon with & w/o Bone Block | . 27 |
| SteriGraft <sup>®</sup> - Pre-Shaped Achilles Tendon 10mm     | . 27 |
| SteriGraft <sup>®</sup> - Gracilis Tendon                     | . 28 |
| SteriGraft <sup>®</sup> - Semitendinosus Tendon               | . 28 |
| SteriGraft <sup>®</sup> – Semitendinosus - Gracilis Bundle    | . 28 |
| SteriGraft® - Tibialis Tendon Anterior                        | . 29 |
| SteriGraft <sup>®</sup> - Tibialis Tendon Posterior           | . 29 |
| SteriGraft® - Peroneus Longus Tendon                          | . 30 |
| SteriGraft® - Plantaris Tendon                                | . 30 |
| SteriGraft <sup>®</sup> - Fascia Lata                         | . 31 |
| SteriGraft® - Pericardium                                     | . 31 |
|   |      |

#### STERILE TRADITIONAL BONE ALLOGRAFTS

| SteriGraft <sup>®</sup> - Cancellous Crushed 1-4mm             | 32 |
|--|----|
| SteriGraft <sup>®</sup> - Cancellous Crushed 4-10mm            | 32 |
| SteriGraft® - Cortical - Cancellous Crushed 1-4mm              | 33 |
| SteriGraft <sup>®</sup> - Cortical - Cancellous Crushed 4-10mm | 33 |
| SteriGraft <sup>®</sup> - Ilium Tricortical Block              | 34 |
| SteriGraft® – Strut  | 34 |
| SteriGraft® – Patella Block                                    | 35 |
| SteriGraft <sup>®</sup> - Cortical Plate                       | 35 |
| SteriGraft® – Fibula Shaft                                     | 36 |
| SteriGraft <sup>®</sup> - Femoral Head                         | 36 |

#### **ORDERING INFORMATION**

| Contact Us                          | 37 |
|-------------------------------------|----|
| Placing an Order                    | 37 |
| Private Labeling & Alternate Grafts | 37 |
| Delivery Options                    | 38 |
| Storage Indications                 | 38 |
| Returns/Credit Policy               | 39 |

#### Our Mission:

We lead the transplant community through excellence and innovation for the benefit of fellow man, and view every donation as an opportunity to serve.

#### The History of Bone Bank Allografts

Bone Bank Allografts (BBA) was founded in 1993 by Joe Mims, in response to a growing need for allograft tissue in South Texas. Since 1993, Bone Bank Allografts' distribution network has grown to cover Texas, the country and the globe, fulfilling surgical needs for allograft tissue in more than 1,000,000 successful transplantations around the world.

Located in San Antonio, Texas, BBA is dedicated to just, equitable and fair distribution of human allograft tissue products to surgeons, hospitals, surgery centers and clinics. Over the years, our partners and end-users have come to rely on the superior quality of our allografts as well as the unmatched service of our highly trained Certified Tissue Bank Specialists (CTBS) and our dedicated distribution team.

Our goal is to lead and serve the medical community, while maximizing the great gift of tissue donation. We view every donation as an opportunity to serve.

BBA is accredited by the American Association of Tissue Banks (AATB), registered with the U.S. Food and Drug Administration (FDA) and in compliance with the FDA's Good Tissue Practices.

Through a powerful partnership with our manufacturer, we are able to process donated human tissues to the greatest benefit of our end-users and recipients. Providing a wide range of surgical allograft options from traditional bone and soft tissues to specialty custom products for transplant – we aim to serve the medical community through continual excellence and innovation in tissue processing and distribution.

### The Key is Partnership

We work with a variety of organizations to ensure the success of Bone Bank Allografts and those we serve. This page highlights some of the different types of organizations with whom we collaborate. If your organization has similar objectives, please be sure to contact us to see how working with Bone Bank Allografts can lead to a productive synergy.

• Donor Recovery/Organ Procurement Organizations – The medical benefits of tissue allograft would not be possible without the generous donor and their families. Our appreciation for these organizations is immense and we work closely together to ensure that safe and effective medical solutions are brought forward.



- **Medical Researchers** Medical technology and product design is advancing at an incredible pace. This is an exciting time to be involved in healthcare. Companies who possess technology and other intellectual property in the area of bone augmentation and regeneration are encouraged to contact Bone Bank Allografts about partnership, licensing, design, production, and marketing opportunities.
- **Tissue Processing** The majority of allograft tissues from Bone Bank Allografts are processed by our sister company, Texas Human Biologics (THB), a state of the art processing facility in San Antonio, Texas. We do however, on occasion, utilize other processing partners for assistance with specialized projects.
- Medical Manufacturers/Distributors While Bone Bank Allografts markets a full line of human allograft tissues under its SteriGraft<sup>®</sup> line, we also partner with a variety of other medical manufacturing and distribution companies to provide contract design, processing, and distribution capabilities. In many instances, our allografts may be provided under a partner's custom OEM or private label, including customer unique product designs.

If your organization is similar to those listed above and you have an interest in working with Bone Bank Allografts, please contact us for more information. We are actively seeking additional partnership opportunities and would welcome the chance to work with your organization.

## Allograft Safety

Compliance with regulatory organizations is an important part of protecting the public trust and ensuring patient safety. **Bone Bank Allografts** and our processing partner, **Texas Human Biologics**, keep current with these requirements. Listed below are copies of the various certifications achieved.

## **Registration and Certification**

#### FDA Human Cell and Tissue Establishment Registration

- Bone Bank Allografts (BBA)
- Texas Human Biologics (THB)

#### American Association of Tissue Banks (AATB) Certification

- Bone Bank Allografts
- Texas Human Biologics

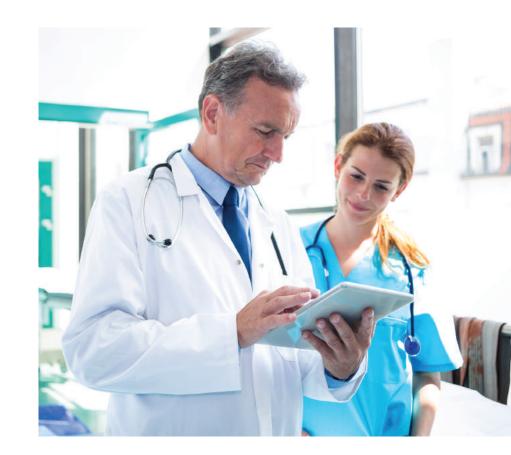
#### **Licensing and Registration**

BBA Licensed in:

- Florida
- New York
- THB Licensed in:
  - New York
- BBA Registered in:
  - California
  - Maryland
  - Oregon
  - Illinois
  - Delaware
  - Canada

#### **Supplier Certification**

- Qualtex CLIA Lab Certification
- Labs Inc. CLIA Lab Certification
- VRL Laboratories CLIA Lab Certification



8

## **Overview of the GraftShield® Process**

While the options for surgical musculoskeletal repair continue to expand, a growing number of surgeons worldwide choose bone and soft tissue allografts as a safe, effective and convenient surgical option. GraftShield<sup>®</sup> processed allografts fulfill the discriminating surgeon's desire to extend extraordinary patient care. Our superior level of allograft processing begins with rigorous donor screening and meticulous donor recovery procedures, certified laboratory testing, validated tissue cleansing, sterile packaging, and a quality assurance system that ranks second to none.

The GraftShield<sup>®</sup> allograft processing system is designed to set an entirely new standard in allograft sterilization. This system offers aseptically handled tissues sterilized under a scientifically validated sterilization method used to maintain a Sterility Assurance Level (SAL) of 10<sup>-6</sup> in accordance with ISO 11137. This validated process is designed to protect the biomechanical properties of each allograft and reduce the risk of bacterial disease transmission.

## **Donor Screening & Reviews**

Our donor screening and recovery partners meet or exceed all industry standards set forth by the American Association of Tissue Banks. Following donation consent, our extensive evaluation process includes:

- A detailed potential donor screening and evaluation process to review medical history as well as any lifestyle or behavioral issues which may disqualify donation. Individuals identified with risk factors for or clinical evidence of relevant communicable diseases and disease agents (RCDADS) such as AIDS, viral hepatitis, sepsis, etc., are ruled out as potential donors or are later disqualified if subsequent investigation reveals high risk markers.
- A physical assessment of each donor candidate just prior to tissue recovery to confirm donor identity, evaluate the accuracy of medical and social history information collected, and to look for signs/symptoms of other disqualifying conditions or risk factors.

## **Donor Recovery & Processing**

Extreme care is taken to ensure donor tissues are recovered, processed and packaged appropriately so that the donor gift materializes in the most beneficial way for transplant recipients. We believe the best way to honor donors is to maximize the number of individuals helped through their generous donation. Maximizing the gift while safeguarding public trust by providing safe, sterile human allograft tissue is the primary goal of our processing efforts.

Stringent tissue donor screening, recovery, storage and shipping guidelines are followed to best preserve the allografts for their intended function.

Donate Life is a registered trademark of Donate Life America.



# Graft**Shield**®

## The GraftShield<sup>®</sup> Advantage

- Sterile human allograft tissues
- Final package sterilization
- Proprietary cleansing processes

## **Certified Laboratory Testing**

In accordance with FDA Regulation and AATB Standards, donor specimens are collected and sent to an independent laboratory certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) to test for the following infectious diseases and antibody or antigen markers listed below:

Human Immunodeficiency Virus Type I Ab HIV I Antibody HIV I Ultrio

Human Immunodeficiency Virus Type II Ab HIV II Antibody

Human T-Lymphotrophic Virus Type I (optional) HTLV I Antibody

Human T-Lymphotrophic Virus Type II (optional) HTLV II Antibody

Hepatitis B Virus HBc Antibody (total) HBV Ultrio HBs Antigen

Hepatitis C Virus HCV Antibody HCV Ultrio

Syphilis Rapid Plasma Reagin Test FTA Confirmation CMV IgG, CMV IgM (optional)

#### WNV RNA Screen, PCR on all living donors

Recovery and/or Pre-Processing Bioburden Cultures

BBA Medical Directors review and evaluate all relevant medical records, screening and recovery documents for each donor to determine the eligibility status for transplant.



## **Tissue Cleansing and Processing**

Our proprietary processing system was developed to offer the following advantages:



- Validated GraftCleanse<sup>®</sup> tissue cleansing method includes chemical and physical tissue cleaning procedures to reduce the bone marrow and lipid element associated with normal human tissue
- Custom machinery designed exclusively by THB for tissue manufacturing and sterilization between each donor case
- Controlled exposure to freeze/thaw cycles

#### **Sterile Packaging**

SteriGraft<sup>®</sup> bone and soft tissue allografts are packaged with extreme care to preserve the validated sterile nature of the tissue. Packaging steps are carefully taken to ensure that our allografts arrive to the end user in a manner that promises the highest patient safety and allograft quality.

The following details outline our packaging advantages:

- $\cdot$  Double Tyvek pouches and easy to read labeling
- Outer package which provides a durable moisture barrier designed to accommodate both ultra-low and ambient temperature storage
- $\cdot$  Sterile inner pouch designed for easy delivery to the sterile field
- Terminal sterilization of product in its final packaging
- Validated three or five year expiration dating
- · Included product insert which provides details regarding donor screening, testing and tissue processing
- Transplant record and multiple tissue ID barcode labels for operating room staff
- $\cdot$  SteriGraft  $^{\circ}$  box allows for convenient stacking and storage

#### **Quality Assurance**

Our donor tracking, documentation, tissue processing, allograft packaging, storage and shipping processes ensure the availability of safe, high quality allografts. A three-level pre-processing review is performed by our highly trained Quality Assurance staff and Medical Director. The following items are carefully reviewed and documented:

- Donor qualification
- Medical/behavioral risk profile
- Review of consent/authorization to recover tissues for transplantation
- Review of recovery process/time frames/reconciliation of refrigeration times/recovery site assessment/recovery sequence
- Completion of recovery record
- Receipt/reconciliation of tissue recovered
- Supplies/materials used in recovery/lot numbers and expiration dates
- Blood sample assessment/qualification
- Infectious disease testing results
- Procurement microbiology results
- · Information sharing with other agencies who participated in recovery or receipt of recovered tissues

- Pathology/autopsy results if performed
- Tissue receipt records
  - Verification of Shipment parameters
  - Reconciliation of tissues shipped vs. received
- Processing records
  - SOP requirements have been met
  - Supplies used
  - Visual product/packaging inspection
  - Traceability of tissues received
  - Irradiation sterilization parameters
  - Residual Moisture results acceptable
- Completion of Quality Assurance investigations
- Completion of Production technical review
- Inventory data entry
- Final labeling

#### **Our Processing Partner Facility**

Located in the Texas Research Park in San Antonio, Texas Human Biologics (THB) has a state-of-the-art human tissue processing center. The facility was designed and built for compliance with environmental condition requirements for handling human tissue. All human tissues are handled in an cleanroom environment.

Specialty features include:

- $\cdot$  Gasketed, sealed, and washable ceilings
- · Full sheet glued Fiberglass Reinforced Polyester (FRP) or modular, seam sealed walls
- · Point of passage, magnehelic gauges for continuous monitoring of clean room zone pressures
- Fully adjustable High Efficiency Particulate Air (HEPA) filter air handling system
- · Validated ethylene oxide sterilization of supplies and equipment
- · Validated steam sterilization of supplies and equipment



### An Introduction to Allografts

An allograft is transplantable tissue which comes from a human donor and is implanted in a recipient. This tissue is typically processed and sterilized, then used in grafting surgeries to repair damaged bones or ligaments. Autograft tissue is harvested from the patient's own body and then transplanted into another area needing repair in the same patient.

The SteriGraft<sup>®</sup> line features validated sterile human bone and soft tissue allografts for transplantation in a variety of surgical settings. We strive to provide the safest and highest quality allograft tissue available for your upcoming surgery.



We should not overlook the circumstances through which these allografts are available for your surgeons and patients. Allograft tissue is available because a donor and donor family made the decision to make a very generous donation of human tissue. We believe this gracious gift should not be taken for granted.

Many allograft recipients show their appreciation for the gift they have received by signing their own donor card, encouraging their family to do the same, and by becoming active in donation groups and causes. Even though one donor can touch the lives of over 100 patients, the need for lifesaving and life enhancing tissues and organs still exceeds the amount provided by donors. Consider becoming a donor hero!

Contact us to find out how your hospital may benefit from becoming a Bone Bank Allografts donor referral partner.





# AMNIOTIC SPECIALTY PRODUCTS



## SteriShield<sup>®</sup> - Protective Amnion Patch (Single and Dual Layer)

| Product<br>Code | Description   | Sizes         |
|-----------------|---|---------------|
| 730             | SteriShield <sup>®</sup> Single Layer Amnion Patch  | lxlcm         |
| 731             | SteriShield <sup>®</sup> Single Layer Amnion Patch  | 2x2cm         |
| 732             | SteriShield <sup>®</sup> Single Layer Amnion Patch  | 4x4cm         |
| 733             | SteriShield <sup>®</sup> Single Layer Amnion Patch  | 4x6cm         |
| 830             | SteriShield <sup>®</sup> II Dual Layer Amnion Patch | lxlcm         |
| 831             | SteriShield <sup>®</sup> II Dual Layer Amnion Patch | 2x2cm         |
| 832             | SteriShield <sup>®</sup> II Dual Layer Amnion Patch | 2x3cm         |
| 833             | SteriShield <sup>®</sup> II Dual Layer Amnion Patch | 4x4cm         |
| 834             | SteriShield <sup>®</sup> II Dual Layer Amnion Patch | 4x6cm         |
| 835             | SteriShield <sup>®</sup> II Dual Layer Amnion Patch | 4x8cm         |
| 838             | SteriShield <sup>®</sup> II Dual Layer Amnion Disc  | 10mm diameter |
| 840             | SteriShield <sup>®</sup> II Dual Layer Amnion Disc  | 12mm diameter |
| 839             | SteriShield <sup>®</sup> II Dual Layer Amnion Disc  | 16mm diameter |





Source: Human placental tissues

#### Preservation Method: Desiccated

Containers must be stored at ambient, room temperature.

**Description**: Amnion is a versatile tissue with application in a variety of surgical procedures to provide an adhesion barrier protection. Literature has documented amnion can reduce inflammation, contains collagen, has a variety of growth factors, is biocompatible, and resorbs within the body. Amnion has also been used to reduce the postoperative risks associated with scar tissues. SteriShield<sup>®</sup> Protective Amnion Patch is provided as a sterile, easy to handle, dry graft that rehydrates within the wound setting. It's dual layer construction eliminates the need for "sidedness" orientation or placement in the application site.

**Common Clinical Applications:** Spine/Neurologic surgeries, Trauma, Sports Medicine, Podiatric Surgery, OB-Gyn, Dental, Ophthalmic procedures, Cosmetic, Bariatric surgeries, Wound care/burns.





## Amnios<sup>™</sup> Cryopreserved Liquid Amnion

# Amnios<sup>™</sup> is a cryopreserved allograft derived from human amniotic fluid.

| Product<br>Code | Description  | Sizes  |
|-----------------|--|--------|
| 930             | Amnios <sup>™</sup> Cryopreserved<br>Liquid Amnion | 0.5ml  |
| 931             | Amnios <sup>™</sup> Cryopreserved<br>Liquid Amnion | 1.0ml  |
| 932             | Amnios <sup>™</sup> Cryopreserved<br>Liquid Amnion | 1.25ml |
| 933             | Amnios <sup>™</sup> Cryopreserved<br>Liquid Amnion | 2.0ml  |

- $\cdot$  Store at -40° C or colder. Thaw only prior to use
- Allow product to thaw by standing at room temperature and apply directly to the wound or area of inflammation
- · See instructions for use for more details





## Amnios<sup>™</sup> RT Acellular Liquid Amnion

# Amnios<sup>™</sup> RT is a flowable tissue allograft derived from human amniotic fluid

| Product<br>Code | Description                                       | Sizes  |
|-----------------|---|--------|
| 930-RT          | Amnios <sup>™</sup> RT<br>Acellular Liquid Amnion | 0.5 ml |
| 931-RT          | Amnios <sup>™</sup> RT<br>Acellular Liquid Amnion | 1.0 ml |
| 933-RT          | Amnios <sup>™</sup> RT<br>Acellular Liquid Amnion | 2.0 ml |

- Store at ambient temperature (59-86°F/15-30°C) until ready for use
- Provided as a sterile, ready to use, flowable graft with no thawing or preparation required
- Apply directly to the wound or area of inflammation
- See instructions for use for more details



#### Benefits of amniotic fluid may include:

- · A safe, natural covering for wounds
- Inhibiting influence on inflammation
- $\boldsymbol{\cdot}$  Reduced fibrosis, scarring, and adhesion at the surgical site

Intended for topical application as a covering over wounds or areas of localized inflammation.

Birth tissues are recovered during planned Cesarean sections and processed aseptically in a manner to preserve the graft's inherent properties.

\* References on file with Bone Bank Allografts

# STERILE DEMINERALIZED CORTICAL BONE



## SteriScaf HSA<sup>™</sup> Cortical Bone Fibers

| Product<br>Code | Description/Volume                                |  |
|-----------------|---|--|
| 46025           | SteriScaf HSA <sup>™</sup> Cortical Fiber 2.5cc   |  |
| 46500           | SteriScaf HSA <sup>™</sup> Cortical Fiber 5.0cc   |  |
| 46100           | 00 SteriScaf HSA <sup>™</sup> Cortical Fiber 10cc |  |
| 46150           | SteriScaf HSA <sup>™</sup> Cortical Fiber 15cc    |  |



- 100% human cortical bone
- Interwoven demineralized bone fibers provide a unique scaffold for bone formation
- Shape conforming excellent bone-to-graft contact for orthopedic applications and void filling
- High Surface Area (HSA) DBM Cortical Fiber Allografts have a greater surface area than cancellous bone for optimized cell adsorption, retention and viability
- Osteoconductive DBM provides an ideal scaffold to support bone formation
- $\cdot$  Osteoinductive potential\*
- Hydrates quickly and uniformly
- Irrigation resistant
- $\cdot$  Sterilized by gamma irradiation to a Sterility Assurance Level (SAL) of 10<sup>-6</sup>
- $\boldsymbol{\cdot}$  No anatomical restrictions to the size or shape of the implants
- \* It is unknown how the osteoinductive potential measured in an alkaline phosphatase assay will correlate with clinical performance in human subjects.

## SteriFuse<sup>®</sup> DBM Putty & SteriFuse<sup>®</sup> Crunch

| Product<br>Code | Description/Volume                      |  |
|-----------------|---|--|
| 32600           | SteriFuse <sup>®</sup> DBM Putty 0.7cc  |  |
| 32601           | SteriFuse <sup>®</sup> DBM Putty 1.0cc  |  |
| 32602           | SteriFuse <sup>®</sup> DBM Putty 2.5cc  |  |
| 32605           | SteriFuse <sup>®</sup> DBM Putty 5.0cc  |  |
| 32610           | SteriFuse <sup>®</sup> DBM Putty 10.0cc |  |
|                 |   |  |
| 32601C          | SteriFuse <sup>®</sup> Crunch 1.0cc     |  |
| 32602C          | SteriFuse <sup>®</sup> Crunch 2.5cc     |  |
| 32605C          | SteriFuse <sup>®</sup> Crunch 5.0cc     |  |
| 32610C          | SteriFuse <sup>®</sup> Crunch 10.0cc    |  |



#### Simplicity Evolved

Innovation often follows the straightest path. In bone grafting, attention to basic fundamentals has always been the key to the best and most predictable clinical outcomes. Historically, bone itself is the best substrate for new bone formation. This is the philosophy behind SteriFuse<sup>®</sup> DBM Putty and SteriFuse<sup>®</sup> Crunch, which is simply comprised of human bone and buffered water.

#### SteriFuse® DBM Putty and SteriFuse® Crunch are:

- Made from 100% human bone nothing added that may get in the way of bone healing
- Osteoconductive DBM provides an ideal scaffold that directs and supports bone formation
- $\cdot$  Osteoinductive the osteoinductive potential of DBM is well established
- Excellent handling characteristics will shape and conform to fill unique bony voids retains shape and will not wash away or migrate with lavage
- Easy storage and use stores at ambient room temperature and ready for immediate use; no prep time or reconstitution required
- Sterile gamma irradiated to SAL 10<sup>-6</sup>
- · Donor recovery and screening performed according to AATB and FDA guidelines
- · Available in flowable, formable putty and crunch
- $\cdot$  Crunch consists of SteriFuse  $^{\circ}$  DBM putty & cortical cancellous bone chips

## SteriSorb<sup>™</sup> - Osteoconductive Sponge Allografts

| Product<br>Code | Description                         | Sizes            |  |
|-----------------|-------------------------------------|------------------|--|
| 70808           | SteriSorb <sup>™</sup> Cube, 8mm    | 8x8x8mm          |  |
| 70810           | SteriSorb <sup>™</sup> Cube, 10mm   | 10x10x10mm       |  |
| 70812           | SteriSorb <sup>™</sup> Cube, 12mm   | 12x12x12mm       |  |
| 70814           | SteriSorb <sup>™</sup> Cube, 14mm   | 14x14x14mm       |  |
|                 |                                     |                  |  |
| 71810           | SteriSorb <sup>™</sup> Chips 10cc   | 1–4mm particles  |  |
| 75810           | SteriSorb <sup>™</sup> Chips 10cc   | 4-10mm particles |  |
|                 |                                     |                  |  |
| 74830           | SteriSorb <sup>™</sup> Strip        | 20x30x5mm        |  |
| 74805           | SteriSorb <sup>™</sup> Strip        | 5x50x5mm         |  |
| 74801           | SteriSorb <sup>™</sup> Strip        | 10x50x5mm        |  |
| 74850           | SteriSorb <sup>™</sup> Strip        | 20x50x5mm        |  |
|                 |                                     |                  |  |
| 76810           | SteriSorb <sup>™</sup> Cranial Disc | 10x5mm           |  |
| 76812           | SteriSorb <sup>™</sup> Cranial Disc | 12x5mm           |  |
| 76814           | SteriSorb <sup>™</sup> Cranial Disc | 14x5mm           |  |



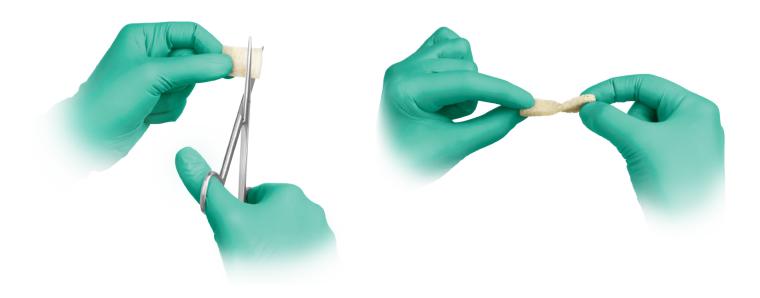
**Source:** Proximal and distal ends of long bones, ilium, calcaneus or talus

#### Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Description**: 100% cancellous bone that is compressible, has wicking characteristics, and maintains the biocompatibility of human bone. A new solution for "tight space" bone voids, which assumes characteristics of a sponge by absorbing saline, blood, or bone marrow aspirate. The graft compresses to half of its original size (or less) then expands back to its former size to secure a better fit. This gives the surgeon more flexibility, decreases surgery time, reduces the potential for migration, and eliminates the leaching commonly seen with puttys and gels. Encourages excellent osteoconductivity and supports rapid vascularization of the allograft to incorporate the recipient's natural bone growth factors and stimulate new bone growth. Such rehydration of bone implants has been discussed in the literature (Mulliken, Ann. Surg., 1981), but only recently has technology allowed us to commercially produce such an innovative solution. SteriSorb<sup>™</sup> is sterilized with the GraftShield<sup>®</sup> process for improved allograft safety.

Common Surgical Applications: Spinal fusion and general orthopaedic surgeries; and dental reconstruction.





# **Cervical Fusion**

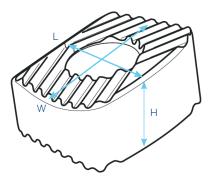
# SteriGraft<sup>®</sup>

## SteriGraft<sup>®</sup> - ACF Spacer 11x14mm, 5<sup>°</sup> Lordosed and Parallel

| Product<br>Code | Description                 | Sizes                       |
|-----------------|-----------------------------|-----------------------------|
| 70505           | ACF Spacer 11x14mm, 5°, 5mm | H = 5mm, W = 14mm, L = 11mm |
| 70506           | ACF Spacer 11x14mm, 5°, 6mm | H = 6mm, W = 14mm, L = 11mm |
| 70507           | ACF Spacer 11x14mm, 5°, 7mm | H = 7mm, W = 14mm, L = 11mm |
| 70508           | ACF Spacer 11x14mm, 5°, 8mm | H = 8mm, W = 14mm, L = 11mm |
| 70509           | ACF Spacer 11x14mm, 5°, 9mm | H = 9mm, W = 14mm, L = 11mm |



| Product<br>Code | Description             | Sizes                       |
|-----------------|-------------------------|-----------------------------|
| 71505           | ACF Spacer 11x14mm, 5mm | H = 5mm, W = 14mm, L = 11mm |
| 71506           | ACF Spacer 11x14mm, 6mm | H = 6mm, W = 14mm, L = 11mm |
| 71507           | ACF Spacer 11x14mm, 7mm | H = 7mm, W = 14mm, L = 11mm |
| 71508           | ACF Spacer 11x14mm, 8mm | H = 8mm, W = 14mm, L = 11mm |
| 71509           | ACF Spacer 11x14mm, 9mm | H = 9mm, W = 14mm, L = 11mm |



Source: Femur or tibia

#### Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Description**: Constructed of 100% human cortical bone. Computer designed and cut for high precision, tolerances, and consistency. Designed to work with universal inserters. Unique "V groove" surface serration pattern for improved traction.

Common Surgical Applications: Cervical spinal fusion.

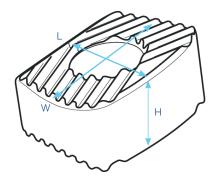
## SteriGraft<sup>®</sup> - ACF Cortical-Cancellous Spacer 11x14mm, 5° Lordosed and Parallel

| Product<br>Code | Description  | Sizes                       |
|-----------------|--|-----------------------------|
| 705051          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 5°, 5mm | H = 5mm, W = 14mm, L = 11mm |
| 705061          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 5°, 6mm | H = 6mm, W = 14mm, L = 11mm |
| 705071          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 5°, 7mm | H = 7mm, W = 14mm, L = 11mm |
| 705081          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 5°, 8mm | H = 8mm, W = 14mm, L = 11mm |
| 705091          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 5°, 9mm | H = 9mm, W = 14mm, L = 11mm |

| 11 | 122  | 2 |   | 1 |
|----|------|---|---|---|
|    | 1923 | / | 4 |   |
| -  |      |   |   |   |
|    |      |   |   |   |
|    |      |   |   |   |
|    |      |   |   |   |
| -  |      |   |   |   |
|    |      |   |   |   |
|    |      |   |   |   |
|    |      |   |   |   |

-111

| Product<br>Code | Description                                    | Sizes                       |
|-----------------|--|-----------------------------|
| 715051          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 5mm | H = 5mm, W = 14mm, L = 11mm |
| 715061          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 6mm | H = 6mm, W = 14mm, L = 11mm |
| 715071          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 7mm | H = 7mm, W = 14mm, L = 11mm |
| 715081          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 8mm | H = 8mm, W = 14mm, L = 11mm |
| 715091          | Cortical-Cancellous<br>ACF Spacer 11x14mm, 9mm | H = 9mm, W = 14mm, L = 11mm |



Source: Femur or tibia

#### Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Description**: Constructed of 100% human cortical bone with an internal cancellous plug. Computer designed and cut for high precision, tolerances, and consistency. Designed to work with universal inserters. Unique "V groove" surface serration pattern for improved traction.

Common Surgical Applications: Cervical spinal fusion.

## SteriGraft<sup>®</sup> - PLIF 9x23mm, Parallel

| Product<br>Code | Description       | Sizes                     |
|-----------------|-------------------|---------------------------|
| 85007           | PLIF 9x23mm, 7mm  | H = 7mm, W = 9mm, L = 23  |
| 85009           | PLIF 9x23mm, 9mm  | H = 9mm, W = 9mm, L = 23  |
| 85011           | PLIF 9x23mm, 11mm | H = 11mm, W = 9mm, L = 23 |
| 85013           | PLIF 9x23mm, 13mm | H = 13mm, W = 9mm, L = 23 |
| 85015           | PLIF 9x23mm, 15mm | H = 15mm, W = 9mm, L = 23 |





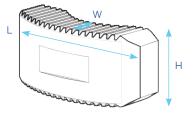
Source: Femur or tibia

Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Description**: Constructed of 100% human cortical bone. Computer designed and cut for high precision, tolerances, and consistency. Designed to work with universal inserters. Unique groove surface serration pattern for improved traction.

Common Surgical Applications: Posterior lumbar interbody fusion.



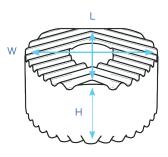
## SteriGraft<sup>®</sup> - ALIF 28x28mm, 7<sup>°</sup> and 12<sup>°</sup> Lordosed

| Product<br>Code | Description            | Sizes                        |
|-----------------|------------------------|------------------------------|
| 80710           | ALIF 28x28mm, 7°, 10mm | H = 10mm, W = 28mm, L = 28mm |
| 80712           | ALIF 28x28mm, 7°, 12mm | H = 12mm, W = 28mm, L = 28mm |
| 80714           | ALIF 28x28mm, 7°, 14mm | H = 14mm, W = 28mm, L = 28mm |
| 80716           | ALIF 28x28mm, 7°, 16mm | H = 16mm, W = 28mm L, = 28mm |
| 80718           | ALIF 28x28mm, 7°, 18mm | H = 18mm, W = 28mm, L = 28mm |
| 80720           | ALIF 28x28mm, 7°, 20mm | H = 20mm, W = 28mm, L = 28mm |

| Product<br>Code | Description             | Sizes                        |
|-----------------|-------------------------|------------------------------|
| 81210           | ALIF 28x28mm, 12°, 10mm | H = 10mm, W = 28mm, L = 28mm |
| 81212           | ALIF 28x28mm, 12°, 12mm | H = 12mm, W = 28mm, L = 28mm |
| 81214           | ALIF 28x28mm, 12°, 14mm | H = 14mm, W = 28mm, L = 28mm |
| 81216           | ALIF 28x28mm, 12°, 16mm | H = 16mm, W = 28mm, L = 28mm |
| 81218           | ALIF 28x28mm,12°, 18mm  | H = 18mm, W = 28mm, L = 28mm |
| 81220           | ALIF 28x28mm, 12°, 20mm | H = 20mm, W = 28mm, L = 28mm |







#### Source: Femur

#### Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

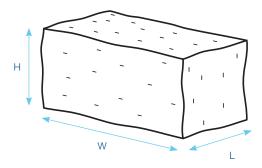
**Description**: Constructed of 100% human cortical bone. Computer designed and cut for high precision, tolerances, and consistency. Designed to work with universal inserters. Unique "V groove" surface serration pattern for improved traction.

**Common Surgical Applications:** Anterior lumbar interbody fusion.

## SteriGraft<sup>®</sup> - Dense Cancellous Block 12x14mm, Parallel

| Product<br>Code | Description                             | Sizes                        |
|-----------------|---|------------------------------|
| 72205           | Dense Cancellous Block<br>12x14mm, 5mm  | H = 5mm, L = 12mm, W = 14mm  |
| 72206           | Dense Cancellous Block<br>12x14mm, 6mm  | H = 6mm, L = 12mm, W = 14mm  |
| 72207           | Dense Cancellous Block<br>12x14mm, 7mm  | H = 7mm, L = 12mm, W = 14mm  |
| 72208           | Dense Cancellous Block<br>12x14mm, 8mm  | H = 8mm, L = 12mm, W = 14mm  |
| 72209           | Dense Cancellous Block<br>12x14mm, 9mm  | H = 9mm, L = 12mm, W = 14mm  |
| 72210           | Dense Cancellous Block<br>12x14mm, 10mm | H = 10mm, L = 12mm, W = 14mm |
| 72211           | Dense Cancellous Block<br>12x14mm, 11mm | H = 11mm, L = 12mm, W = 14mm |





Source: Femoral head, patella, distal tibia, talus or calcaneus

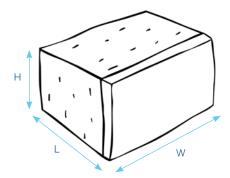
**Preservation Method:** Lyophilized Containers must be stored at ambient temperature.

Common Surgical Applications: Cervical spinal fusion.

## SteriGraft<sup>®</sup> – Unicortical Dense Cancellous Block 12x14mm, Lordosed 5°

| Product<br>Code | Description   | Sizes                        |
|-----------------|---|------------------------------|
| 70305           | Unicortical Dense Cancellous<br>Block 12x14mm, 5°, 5mm  | H = 5mm, L = 12mm, W = 14mm  |
| 70306           | Unicortical Dense Cancellous<br>Block 12x14mm, 5°, 6mm  | H = 6mm, L = 12mm, W = 14mm  |
| 70307           | Unicortical Dense Cancellous<br>Block 12x14mm, 5°, 7mm  | H = 7mm, L = 12mm, W = 14mm  |
| 70308           | Unicortical Dense Cancellous<br>Block 12x14mm, 5°, 8mm  | H = 8mm, L = 12mm, W = 14mm  |
| 70309           | Unicortical Dense Cancellous<br>Block 12x14mm, 5°, 9mm  | H = 9mm, L = 12mm, W = 14mm  |
| 70310           | Unicortical Dense Cancellous<br>Block 12x14mm, 5°, 10mm | H = 10mm, L = 12mm, W = 14mm |
| 70311           | Unicortical Dense Cancellous<br>Block 12x14mm, 5°, 11mm | H = 11mm, L = 12mm, W = 14mm |





Source: Femoral head, patella, distal tibia, talus or calcaneus

Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Common Surgical Applications:** Cervical spinal fusion.

## SteriFlex<sup>®</sup> - Wrappable Bone Allografts

| Product<br>Code | Description                      | Sizes             |
|-----------------|----------------------------------|-------------------|
| 72825           | SteriFlex <sup>®</sup> , 15x25mm | W = 15mm L = 25mm |
| 72835           | SteriFlex <sup>®</sup> , 15x35mm | W = 15mm L = 25mm |



Source: Femur, tibia, ilium or humerus

#### Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Common Surgical Applications:** Cervical spinal fusion.

## SteriGraft<sup>®</sup> - Hemi/Whole Patellar Tendon

| Product<br>Code | Description                                | Sizes  |
|-----------------|--|--|
| 890             | Whole Patellar Tendon<br>with Quadricep    | X=35-48mm W x Z mm<br>T ≥ 9mm<br>Y ≥ 23mm<br>Q ≥ 30mm    |
| 891             | Whole Patellar Tendon<br>without Quadricep | X=35-48mm W x Z mm<br>T ≥ 9mm<br>Y ≥ 23mm                |
| 892             | Hemi Patellar Tendon                       | X=35-48mm<br>W ≥ 10mm<br>Z ≥ 10mm<br>T ≥ 9mm<br>Y ≥ 23mm |

Source: Tibia, patella and patellar ligament

Preservation Method: Frozen

Containers must be stored at -40  $^\circ C$  or colder.

**Measurement Description**: X = inner tendon length. W = tendon width.

- Z = tibial bone block width. T = tibial bone block thickness.
- Y = tibial bone block length. Q = quad length (if present).

Common Surgical Applications: Reconstruction of knee ligaments.

## SteriGraft<sup>®</sup> - Pre-Shaped Patellar Tendon 10mm

| Product<br>Code | Description                     | Sizes  |
|-----------------|---------------------------------|--|
| 8922            | Pre-Shaped Patellar Tendon 10mm | X mm<br>W ≥ 10mm<br>DT = 10-10.5mm<br>Y ≥ 23mm<br>DP = 10-10.5mm<br>Z ≥ 23mm |

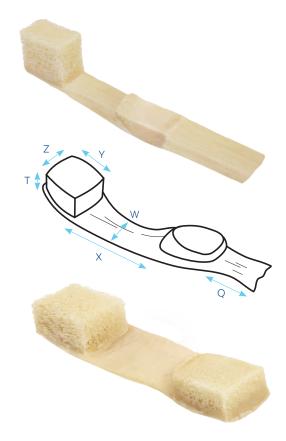
Source: Tibia, patella and patellar ligament

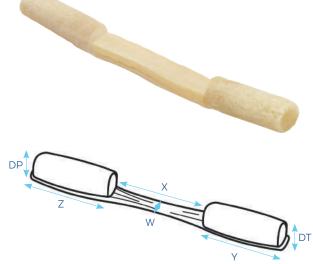
#### Preservation Method: Frozen

Containers must be stored at -40°C or colder.

**Measurement Description:** X = inner tendon length. W = tendon width. DT = tibial bone dowel diameter. Y = length of the tibial bone dowel. DP = patellar bone dowel diameter. Z = length of the patellar bone dowel.

Common Surgical Applications: Reconstruction of knee ligaments.





## SteriGraft<sup>®</sup> - Achilles Tendon with or without Bone Block

| Product<br>Code | Description                        | Sizes   |
|-----------------|------------------------------------|---|
| 809             | Achilles Tendon without Bone Block | L ≥ 240mm   |
| 893             | Achilles Tendon with Bone Block    | L ≥ 260mm<br>W ≥ 10mm<br>Z ≥ 10mm<br>T ≥ 15mm<br>Y ≥ 23mm |

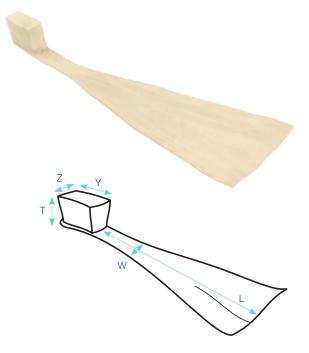
Source: Achilles Tendon

#### Preservation Method: Frozen

Containers must be stored at -40°C or colder.

**Measurement Description:** L = tendon length. W = tendon width. Z = calcaneal bone block width. T = calcaneal bone block thickness. Y = calcaneal bone block length.

**Common Surgical Applications**: Reconstruction of rotator cuffs, reconstruction of knee ligaments and Achilles tendon repair.



## SteriGraft<sup>®</sup> - Pre-Shaped Achilles Tendon 10mm

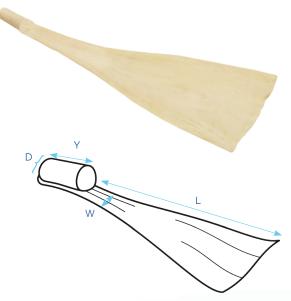
| Product<br>Code | Description                     | Sizes  |
|-----------------|---------------------------------|--|
| 8933            | Pre-Shaped Achilles Tendon 10mm | L ≥ 180mm<br>W ≥ 10mm<br>D = 10-10.5mm<br>Y ≥ 23mm |

Source: Achilles Tendon

**Preservation Method**: Frozen Containers must be stored at -40°C or colder.

**Measurement Description:** L = tendon length. W = tendon width. D = calcaneal bone dowel diameter. Y = length of the calcaneal bone dowel.

**Common Surgical Applications**: Reconstruction of rotator cuffs, reconstruction of knee ligaments and Achilles tendon repair.



## SteriGraft<sup>®</sup> - Gracilis Tendon

| Product<br>Code | Description     | Sizes                |
|-----------------|-----------------|----------------------|
| 894             | Gracilis Tendon | L ≥ 250mm<br>D ≥ 5mm |

Source: Gracilis Tendon

#### Preservation Method: Frozen

Containers must be stored at -40  $^\circ C$  or colder.

**Measurement Description:** W = midpoint width. L = length. D = folded diameter.

**Common Surgical Applications:** Reconstruction of knee, ankle, wrist or shoulder ligaments.

## SteriGraft<sup>®</sup> - Semitendinosus Tendon

| Product<br>Code | Description           | Sizes                |
|-----------------|-----------------------|----------------------|
| 895             | Semitendinosus Tendon | L ≥ 245mm<br>D ≥ 6mm |

Source: Semitendinosus Tendon

#### Preservation Method: Frozen

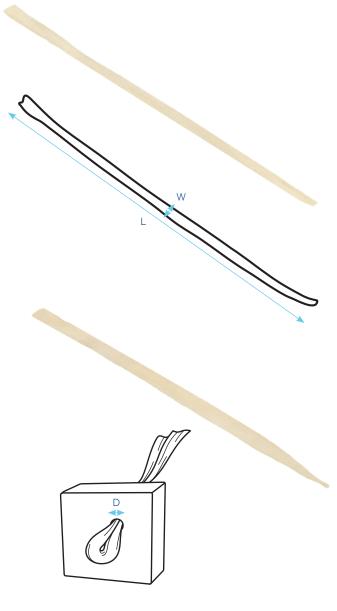
Containers must be stored at -40°C or colder.

**Measurement Description:** W = midpoint width. L = length. D = folded diameter.

**Common Surgical Applications:** Reconstruction of knee, ankle, wrist or shoulder ligaments.

## SteriGraft<sup>®</sup> - Semitendinosus - Gracilis Bundle

| Product<br>Code | Description                      | Sizes   |
|-----------------|----------------------------------|---|
| 8954            | Semitendinosus - Gracilis Bundle | L ≥ 250mm<br>D ≥ 8.5mm<br>(both tendons<br>folded together<br>as a single unit) |



## SteriGraft<sup>®</sup> - Tibialis Tendon Anterior

| Product<br>Code | Description              | Sizes                |
|-----------------|--------------------------|----------------------|
| 896             | Tibialis Tendon Anterior | L ≥ 250mm<br>D ≥ 8mm |

Source: Anterior Tibialis Tendon

#### Preservation Method: Frozen

Containers must be stored at -40°C or colder.

**Measurement Description:** W = midpoint width. L = length. D = folded diameter.

**Common Surgical Applications:** Reconstruction of knee, ankle, wrist or shoulder ligaments.

## SteriGraft<sup>®</sup> - Tibialis Tendon Posterior

| Product<br>Code | Description               | Sizes                |
|-----------------|---------------------------|----------------------|
| 897             | Tibialis Tendon Posterior | L ≥ 250mm<br>D ≥ 8mm |

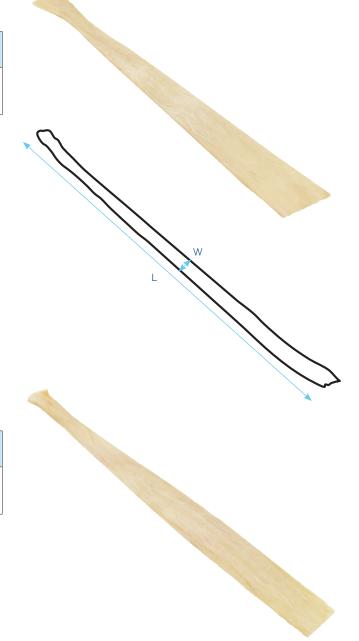
Source: Posterior Tibialis Tendon

#### Preservation Method: Frozen

Containers must be stored at -40°C or colder.

**Measurement Description:** W = midpoint width. L = length. D = folded diameter.

**Common Surgical Applications:** Reconstruction of knee, ankle, wrist or shoulder ligaments.



## SteriGraft<sup>®</sup> - Peroneus Longus Tendon

| Product<br>Code | Description            | Sizes                |
|-----------------|------------------------|----------------------|
| 995             | Peroneus Longus Tendon | L ≥ 250mm<br>D ≥ 7mm |

Source: Peroneus Longus Tendon

#### Preservation Method: Frozen

Containers must be stored at -40°C or colder.

Measurement Description: W = midpoint width. L = length.

D = folded diameter.

**Common Surgical Applications:** Reconstruction of knee, ankle, wrist or shoulder ligaments.



## SteriGraft<sup>®</sup> - Plantaris Tendon

| Product<br>Code | Description      | Sizes                  |
|-----------------|------------------|------------------------|
| 990             | Plantaris Tendon | W = 4-8mm<br>L ≥ 250mm |

Source: Plantaris Tendon

#### Preservation Method: Frozen

Containers must be stored at -40°C or colder.

**Measurement Description:** W = midpoint width. L = length. D = folded diameter.

**Common Surgical Applications**: Reconstruction of knee, ankle, wrist or shoulder ligaments.

## SteriGraft<sup>®</sup> - Fascia Lata

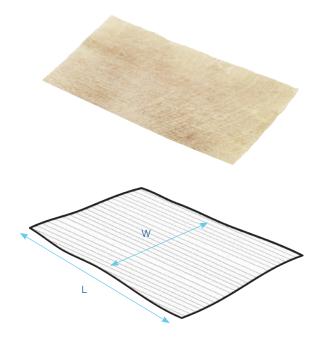
| Product<br>Code | Description               | Sizes                 |
|-----------------|---------------------------|-----------------------|
| 701             | Fascia Lata, 40x60mm      | W = 40mm<br>L = 60mm  |
| 702             | Fascia Lata, 50x80mm      | W = 50mm<br>L = 80mm  |
| 703             | Fascia Lata, 60x100mm     | W = 60mm<br>L = 100mm |
| 704             | Fascia Lata, 70 x ≥ 150mm | W ≥ 70mm<br>L ≥ 150mm |

Source: Lateral surface of the thigh

**Preservation Method:** Lyophilized Containers must be stored at ambient temperature.

**Measurement Description:** Fascia may or may not include the iliotibial bands. The width (W) will be perpendicular to the grain, and the length (L) will be taken along the grain.

**Common Surgical Applications:** Ligament reconstruction, repair of craniotomy and dural defects, eye lid repair, or bladder suspension.



### SteriGraft<sup>®</sup> - Pericardium

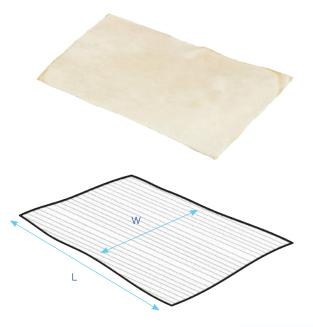
| Product<br>Code | Description          | Sizes               |
|-----------------|----------------------|---------------------|
| 720             | Pericardium, 15x20mm | 15x20mm (+/- 0.5mm) |
| 721             | Pericardium, 20x30mm | 20x30mm (+/- 0.5mm) |
| 722             | Pericardium, 30x40mm | 30x40mm (+/- 0.5mm) |
| 723             | Pericardium, 60x60mm | 60x60mm (+/- 5mm)   |
| 724             | Pericardium, 80x80mm | 80x80mm (+/- 5mm)   |

Source: Pericardial sac

Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Common Surgical Applications:** Pericardial defect, dura matter repair, and periodontal reconstruction.





## SteriGraft<sup>®</sup> - Cancellous Crushed 1-4mm

| Product<br>Code | Description                       | Sizes |
|-----------------|-----------------------------------|-------|
| 316             | Cancellous Crushed<br>1-4mm, 5cc  | 5cc   |
| 309             | Cancellous Crushed<br>1-4mm, 10cc | Юсс   |
| 308             | Cancellous Crushed<br>1-4mm, 15cc | 15cc  |
| 306             | Cancellous Crushed<br>1-4mm, 30cc | ЗОсс  |



Source: Proximal and distal ends of long bones, ilium, calcaneus or talus

**Preservation Method:** Lyophilized Containers must be stored at ambient temperature.

**Common Surgical Applications:** Filling of bone defects, prosthetic or bone graft augmentation for spinal fusion, oral and maxillofacial, ankle and foot, or general orthopaedic reconstruction.

## SteriGraft<sup>®</sup> - Cancellous Crushed 4-10mm

| Product<br>Code | Description                        | Sizes |
|-----------------|------------------------------------|-------|
| 317             | Cancellous Crushed<br>4-10mm, 10cc | Юсс   |
| 312             | Cancellous Crushed<br>4-10mm, 15cc | 15cc  |
| 313             | Cancellous Crushed<br>4-10mm, 30cc | 30cc  |

Source: Proximal and distal ends of long bones, ilium, calcaneus or talus

#### Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Common Surgical Applications:** Filling of bone defects, prosthetic or bone graft augmentation for spinal fusion, oral and maxillofacial, ankle and foot, or general orthopaedic reconstruction.



### SteriGraft<sup>®</sup> - Cortical - Cancellous Crushed 1-4mm

| Product<br>Code | Description                                  | Sizes |
|-----------------|--|-------|
| 449             | Cortical - Cancellous Crushed<br>1-4mm, 5cc  | 5cc   |
| 458             | Cortical - Cancellous Crushed<br>1-4mm, 10cc | Юсс   |
| 464             | Cortical - Cancellous Crushed<br>1-4mm, 15cc | 15cc  |
| 465             | Cortical - Cancellous Crushed<br>1-4mm, 30cc | ЗОсс  |



Source: Proximal and distal ends of long bones, ilium, calcaneus or talus

**Preservation Method:** Lyophilized Containers must be stored at ambient temperature.

**Common Surgical Applications:** Filling of bone void defects, augments prosthetic or other implants used for spinal fusion, oral and maxillofacial, ankle and foot, or general orthopaedic reconstruction.

## SteriGraft<sup>®</sup> - Cortical - Cancellous Crushed 4-10mm

| Product<br>Code | Description                                   | Sizes |
|-----------------|---|-------|
| 459             | Cortical - Cancellous Crushed<br>4-10mm, 10cc | Юсс   |
| 467             | Cortical - Cancellous Crushed<br>4-10mm, 15cc | 15cc  |
| 468             | Cortical - Cancellous Crushed<br>4-10mm, 30cc | ЗОсс  |

Source: Proximal and distal ends of long bones, ilium, calcaneus or talus

#### Preservation Method: Lyophilized

Containers must be stored at ambient temperature and checked for the presence of a seal.

**Common Surgical Applications:** Filling of bone defects, prosthetic or bone graft augmentation for spinal fusion, oral and maxillofacial, ankle and foot, or general orthopaedic reconstruction.



# SteriGraft<sup>®</sup> - Ilium Tricortical Block

| Product<br>Code | Description             | Sizes                                       |
|-----------------|-------------------------|---|
| 114             | llium Tricortical Block | W = 12mm L = 25-30mm<br>T1 ≥ 10mm T2 ≥ 7mm  |
| 101             | llium Tricortical Block | W = 15mm L = 25−30mm<br>T1 ≥ 10mm T2 ≥ 7mm  |
| 116             | llium Tricortical Block | W = 18mm L = 25-30mm<br>T1 ≥ 10mm T2 ≥ 7mm  |
| 115             | llium Tricortical Block | W = 25mm L = 25−30mm<br>TI ≥ 15mm T2 ≥ 15mm |

Source: Iliac crest

Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

Common Surgical Applications: Spinal fusion or general orthopaedic reconstruction.

## SteriGraft<sup>®</sup> - Strut

| Product<br>Code | Description                                  | Sizes   |
|-----------------|--|---------|
| 404             | Cortical - Cancellous Strut<br>>50mm (1/pkg) | 49-51mm |

Source: Tibia, femur or ilium

Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

**Common Surgical Applications:** Spinal fusion, oral and maxillofacial reconstruction or general orthopaedic reconstruction.



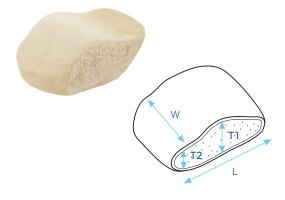
# SteriGraft<sup>®</sup> - Patella Block

| Product<br>Code | Description   | Sizes  |
|-----------------|---------------|--|
| 100             | Patella Block | W = 18-30mm<br>T1 ≥ 9 mm; T2 ≥ 5 mm<br>L = varies, see diagram |

Source: Center of the patella

**Preservation Method:** Lyophilized Containers must be stored at ambient temperature.

**Common Surgical Applications**: Spinal fusion, tibial tubercle elevation/ osteotomy or general orthopaedic reconstruction.



## SteriGraft<sup>®</sup> - Cortical Plate

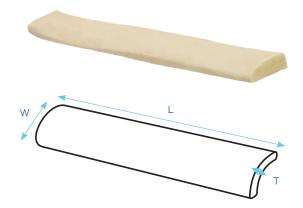
| Product<br>Code | Description                | Sizes                                   |
|-----------------|----------------------------|---|
| 445             | Cortical Plate<br>20x200mm | L = 198-202mm<br>W = 19-21mm<br>T ≥ 3mm |

Source: Femur or tibia

Preservation Method: Lyophilized

Containers must be stored at ambient temperature.

Common Surgical Applications: Hip revision or general orthopaedic reconstruction.



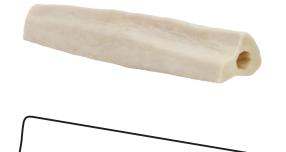
## SteriGraft<sup>®</sup> - Fibula Shaft

| Product<br>Code | Description         | Sizes              |
|-----------------|---------------------|--------------------|
| 426             | Fibula Shaft, 40mm  | L= 38-42mm D≥10mm  |
| 425             | Fibula Shaft, 100mm | L= 98-102mm D≥10mm |

#### Source: Fibula

**Preservation Method**: Lyophilized Containers must be stored at ambient temperature.

**Common Surgical Applications:** Cervical fusion/corpectomy or general orthopaedic reconstruction.



L

# SteriGraft<sup>®</sup> - Femoral Head

| Product<br>Code | Description           | Sizes    |
|-----------------|-----------------------|----------|
| 692             | Femoral Head - Frozen | D ≥ 45mm |



#### Preservation Method: Frozen

Containers must be stored at -40 $^{\circ}$ C or colder.

Common Surgical Applications: Hip revision or general orthopaedic reconstruction.

## **Contact Us**

Bone Bank Allografts is committed to meeting your needs for safe, high-quality human tissues for transplantation. Our aim is to meet all tissue needs and surgery dates with our diverse graft selection and exceptional customer service. We are proud to be able to provide over 60,000 allografts per year for transplant surgeries within the United States and internationally.

Our Certified Tissue Bank Specialists coordinate the distribution of tissues as well as address any concerns regarding our products or the distribution process. A BBA Account Manager can be reached Monday through Friday, between 8:00 a.m. and 5:00 p.m. CST, at (800) 397-0088 or at (210) 696-7616. A staff member is always on call outside regular operating hours to respond to emergency orders and concerns and will generally respond to your call within 15 minutes.

In addition, Bone Bank Allografts' technical staff is available to answer questions, offer suggestions, or discuss custom tissue needs. Our Team is always available to educate and consult with surgeons or hospital personnel regarding allograft usage.

#### We would love to hear from you!

#### **Bone Bank Allografts**

Client Services 4808 Research Drive San Antonio, TX 78240

Main: 210-696-7616 Toll Free: 800-397-0088 Fax: 210-696-7609

#### Would you like to receive additional information about ordering or distributing BBA products?

- A Medical Facility or Distributor located within the United States: usproduct-inquiry@bonebank.com
- · A Medical Facility or Distributor located Internationally: intlproduct-inquiry@bonebank.com

#### **Placing an Order**

When placing tissue orders, the following information is required:

- Contact information of person placing order
- · End-user medical facility name and address
- Purchase order number
- Specific tissue type and size
- Case date and requested delivery time
- Procedure to be performed
- Surgeon name

#### **Private Labeling & Alternate Grafts**

BBA offers private labeling services. Please contact your Account Manager to discuss options, volumes and requirements.

We may also provide various bone and soft tissue products which are not featured in this catalog. These items may not be readily available in our inventory but upon request, may be produced. Please contact your Account Manager at Bone Bank Allografts to discuss your specific needs.

## ORDERING INFORMATION

#### **Delivery Options**

#### Local Delivery Services (San Antonio, Texas)

Dependable Express Cost: \$25 per shipment or return (regardless of service)

#### After Hours Order and Delivery Services

For orders placed outside of normal business hours, a service fee of \$125 will be applied

#### Fed Ex Delivery Services

- First Overnight delivered by 8-8:30am (where available)
- Priority One delivered by 10:30am (by noon or 4:30pm in remote areas)
- Standard delivered by 3:30pm (4:30pm in remote areas)
- Two Day delivered on the 2nd business day by 4:30pm
- Express Saver delivered on the 3rd business day by 4:30pm to a business (7pm to residences)
- Estimated freight costs (as of catalog publication date call for current rates) are provided below:

| Delivery Time         | Fed Ex Service    | Freeze Dried<br>Estimated Shipping Cost* | Frozen<br>Estimated Shipping Cost* |
|-----------------------|-------------------|--|------------------------------------|
| By 8:00am             | First Overnight   | \$88                                     | \$155 - \$200                      |
| By 10:30am            | Priority One      | \$62                                     | \$95 - \$120                       |
| By 4:30pm             | Standard          | \$52                                     | NA                                 |
| Two Day (by 4:30pm)   | Two Day           | \$42                                     | NA                                 |
| Three Day (by 4:30pm) | Express Saver     | \$37                                     | NA                                 |
| Varies                | Saturday Delivery | \$25 (additional)                        | \$25 (additional)                  |

#### \*Shipping rates are estimates only and are subject to change without notice. Actual shipping charges may apply.

Estimates for frozen shipments are based on box volume and amount of dry ice required to ship the package.

International Delivery Services - Contact us at 800-397-0088 for a quote of services available and estimated shipping costs.

#### **Storage Indications**

Freeze-dried allografts should be maintained at room temperature (59-86°F or 15-30°C). No refrigeration is necessary.

**Frozen allografts** are shipped frozen on dry ice via overnight courier. Upon arrival, product should be removed from the shipping container and placed in a freezer at or below -40°C (-40°F).

#### Alternate storage conditions (Frozen Grafts)

Product may be stored for 6 months or less in a freezer at -20°C to -39°C (-4°F to -38°F).

BBA shipping containers have been validated to maintain appropriate storage temperatures.

### Returns/Credit Policy

Bone Bank Allografts mission is to provide only safe, high quality allograft tissues to health care professionals. In an effort to meet these goals, Bone Bank Allografts will accept returned human allograft tissue for exchange or credit provided the tissue has been consistently maintained, and the following return procedures have been followed. General criteria for returning tissue are as follows:

- No frozen allograft return requests will be accepted at any time.
- No return requests for grafts shipped with a 6 month or shorter expiration will be accepted.
- No freeze-dried allograft return requests will be accepted more than 30 days after the invoice date.
- A Return Goods Authorization # must be received from a Bone Bank Allografts Account Manager and clearly indicated on the outside of the package.
- Human allograft tissue must be in its original, unopened and untampered container.
- Original labeling must be legible, intact, and not defaced in any manner.
- Human allograft tissue must be returned using shipping methods, containers and packing materials in accordance with Bone Bank Allografts return procedures.
- · Human allograft tissue must be received in good condition at Bone Bank Allografts.

#### Freeze-Dried Tissue:

- Freeze-dried and saline preserved human allograft tissue must be stored and maintained at ambient temperatures while at your facility.
- Freeze-dried human allograft tissue should be wrapped in bubble packaging or other material that will reduce the risk of breakage, damage or puncture during shipment
- Freeze-dried human allograft tissue should be returned for delivery within 5 days from the date you receive return authorization or the return will no longer be accepted.

#### Procedures for Returning Human Allograft Tissue

- 1. Call your Account Manager at 800-397-0088 to receive a Return Authorization Number (RA#). You will need the serial numbers of the grafts you are returning, the storage information for each graft, and a detailed reason for the return.
- 2. Clearly write the RA# on the outside of the package.
- All returns must be addressed to: Bone Bank Allografts Returns 4808 Research Drive San Antonio, TX 78240
- 4. All returns must be shipped via a courier that offers tracking services. Contact your Account Manager at 800-397-0088 with tracking number(s) for your return shipment.

Bone Bank Allografts reserves the right to refuse any return that has not met the conditions and specifications of this policy. Some returns may be subject to further restrictions. All returns are subject to a 20% restocking fee.



## **Bone Bank Allografts**

**Client Services** 4808 Research Drive San Antonio, TX 78240

Main: 210-696-7616 Toll Free: 800-397-0088 Fax: 210-696-7609

# www.BoneBank.com

Copyright 2017, Bone Bank Allografts