LifeLink®
Tissue Bank

Allograft Catalog

PARCUS MEDICAL, LLC.

Your Global Link to the Future

We Connect Healthcare
Professionals with a
World Class Tissue Bank

LifeLink®
Tissue Bank

We've helped surgeons and hospitals provide a multitude of second chances.

LifeLink is the largest not-for-profit tissue bank in the Southeastern United States providing more than 50,000 allografts each year to many surgical specialists. Over one million LifeLink allografts have been implanted since the tissue bank's inception. This amount is a direct result of our unwavering commitment to exceeding all FDA and industry standards.

It is our obligation to hospitals, surgeons and patients to provide the safest, highest quality allografts available. We accomplish this through a guiding conviction of respect, integrity, quality and safety.

For many people an allograft transplant presents the opportunity to walk or run again, to live pain free and in some cases the chance to simply live a normal life.

To place an order call **941-755-7965** or email **customerservice@parcusmedical.com**

PARCUS MEDICAL, LLC

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Sports Tissue Allograft

LifeLink goes to great lengths to ensure the safety of our allograft bone and tissue.

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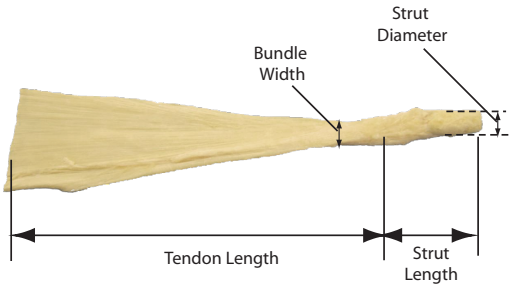
Sports Tissue Allograft

LifeLink® Tissue Bank

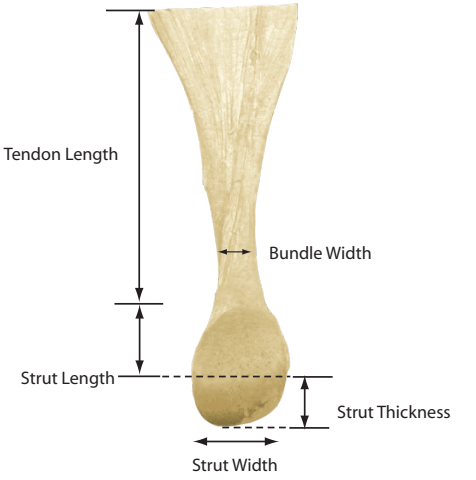
Achilles Tendon Preshaped

Specifications				Catalog #	
	Diameter	Width	Length	Aseptically Processed	Gamma Irradiated
Strut	10mm	-	25mm min.	02B003P	50R102P
Tendon	-	-	160mm min.		
Bundle	-	Measure	-		



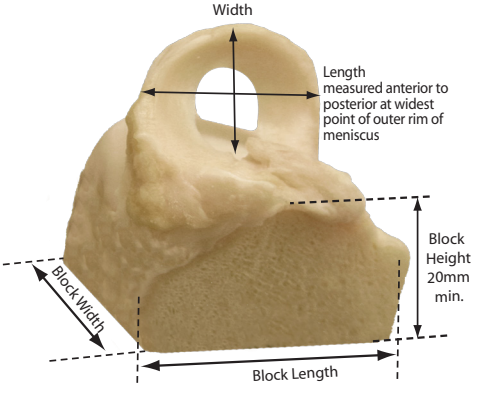
Achilles Tendon with Strut

Specifications				Catalog #	
	Diameter	Width	Length	Aseptically Processed	Gamma Irradiated
Strut	Measure	12mm min.	25mm min.	02B002P	50R103P
Tendon	-	-	160mm min.		
Bundle	-	Measure	-		



Meniscus Half

Specifications		Catalog #	
Graft	Size	Aseptically Processed	Patient Matched Aseptically Processed
Left Medial	Measure	90B007-XP	90B007P
Left Lateral	Measure	90B008-XP	90B008P
Right Medial	Measure	90B010-XP	90B010P
Right Lateral	Measure	90B011-XP	90B011P



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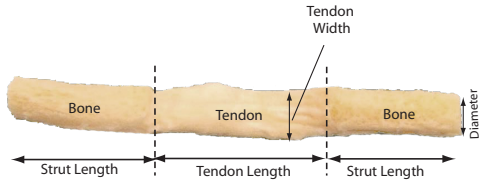
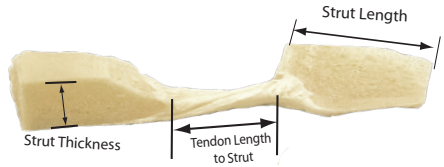
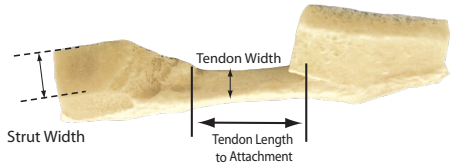
Sports Tissue Allograft



Patella Tendon Preshaped

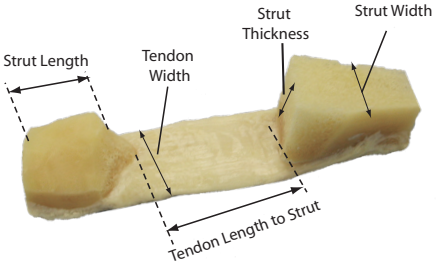
Specifications				Catalog #	
Struts		Tendon		Aseptically Processed	Gamma Irradiated
Diameter	Length	Width	Length		
10mm	25mm min.	10mm min.	30 - 50mm	47B010P	50R301P





Patella Tendon with Strut- Half

Specifications					Catalog #	
	Thickness	Width	Length		Aseptically Processed	Gamma Irradiated
Tendon	-	10mm min.	To Strut	To Attachment	46B002P	50R302P
			Measure	35mm min.		
Struts	12mm min.	10mm min.	25mm min.			



Patella Tendon with Strut- Whole

Specifications					Catalog #	
	Thickness	Width	Length		Aseptically Processed	Gamma Irradiated
Tendon	-	15mm min.	To top of Strut	To Attachment	46B005	50R303
			Measure	35mm min.		
Struts	15mm min.	15mm min.	25mm min.			
w/ Quad	-	-	50mm min.		46B006P	50R304P

Sports Tissue Allograft

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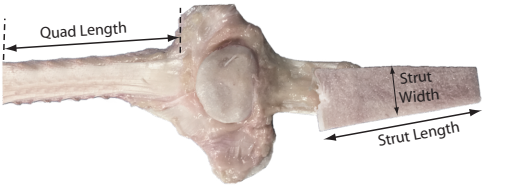
Patella Tendon w/Extensor Mechanism

Specifications				Catalog #
	Thickness	Width	Length	Aseptically Processed
Quad Tendon	-	-	120mm min.	46B020P
Patella Tendon	-	Measure	35mm min. to attachment	
Tibial Strut	25mm min.	25mm min.	100mm min.	

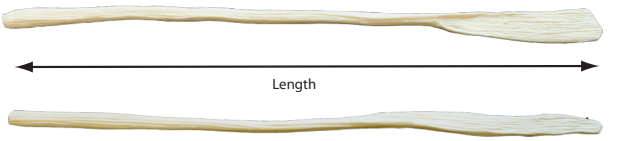


Peroneus Longus Tendon

Dimensions		Catalog #	
Diameter	Length	Aseptically Processed	Gamma Irradiated
8mm min. (Folded)*	240mm min.	81B006P	50R401P

Semitendinosus/Gracilis

Dimensions		Catalog #		
Diameter	Minimum Length	Allograft Type	Aseptically Processed	Gamma Irradiated
4mm min. (Folded)*	200mm	Semitendinosus	81B003P	50R502P
3mm min. (Folded)*	200mm	Gracilis	81B004P	50R501P
8mm min. (Folded)*	200mm	Semitendinosus with Gracilis	81B005P	50R503P



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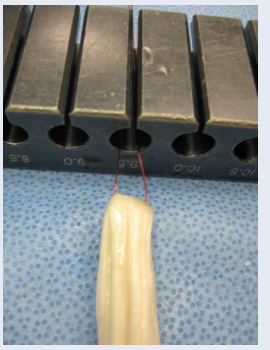
Sports Tissue Allograft

Tibialis Tendon

Dimensions			Catalog #	
Diameter	Length	Allograft Type	Aseptically Processed	Gamma Irradiated
8mm min. (Folded)*	240mm min.	Anterior	81B001P	50R601P
		Posterior	81B002P	50R602P

Length

How we measure our soft tissue allografts



*The diameter is determined by pulling the folded tendon through the appropriate channel of the sizing block smoothly and without excessive force.

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Fresh Osteochondral Allograft

Over one million LifeLink allografts have been implanted since the tissue bank's inception. This amount is a direct result of our unwavering commitment to exceeding all FDA and industry standards.

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Fresh Osteochondral Allograft

Our Fresh Osteochondral Allograft Program provides a variety of choices for repair of articular cartilage and subchondral bone defects. Osteochondral allografts eliminate the discomfort and morbidity associated with autogenous grafting. These allografts restore mobility to patients who suffer from pain and limited movement preventing them from enjoying daily activities. By transplanting mature hyaline cartilage with viable chondrocytes, patients may return to a more active lifestyle and prevent or delay more complicated and invasive joint replacement surgeries.

Fresh grafts have a short expiration time which requires detailed, coordinated planning in order to offer custom options for each qualifying patient. Microbiological testing is performed by our in-house CAP Accredited and CLIA Certified Laboratory. These Bio-Implants are only cleared for release after serology results are finalized.

Fresh Osteochondral Allograft

Description	Catalog #
Fresh Lateral Hemi Condyle, Left	98F001
Fresh Lateral Hemi Condyle, Right	98F002
Fresh Medial Hemi Condyle, Left	98F003
Fresh Medial Hemi Condyle, Right	98F004
Fresh Talus, Left	97F001
Fresh Talus, Right	97F002

General Orthopedic Allograft

Our continuous focus on service ensures that surgeons receive the allografts they need when they need them.

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General Orthopedic Allograft

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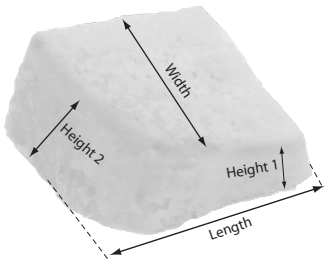
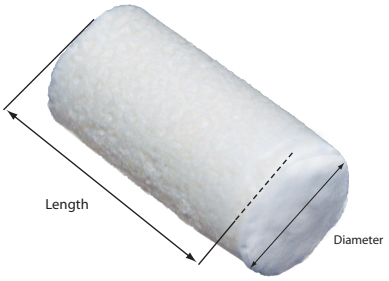
Bicortical Foot Wedge

Specifications					Catalog #
	Height 1	Height 2	Width	Length	Freeze-Dried
6mm COTTON	2.5mm	6mm	14mm	24mm	67A006P
8mm EVANS	3.5mm	8mm	22mm	20mm	67A008P
10mm EVANS	5.5mm	10mm	22mm	20mm	67A010P
12mm EVANS	7.5mm	12mm	22mm	20mm	67A012P



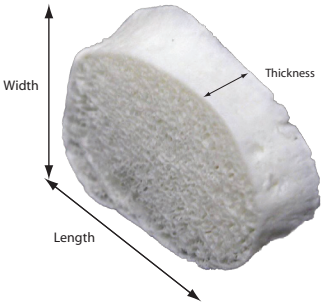
Bone Plug

Specifications		Catalog #
Diameter	Length	Freeze-Dried
12mm	18 mm min. - 25mm max.	03A003P
13mm	18 mm min. - 25mm max.	03A006P
14mm	18 mm min. - 25mm max.	03A004P
16mm	18 mm min. - 25mm max.	03A005P



Calcaneus Wedge

Specifications			Catalog #
Thickness	Width	Length	Freeze-Dried
10mm	30mm min.	40mm min.	04A002P



Cancellous 1-4mm

Specifications	Catalog #	
	Freeze-Dried	Frozen
5cc	05A101P	05B101P
15cc	05A001P	05B005P
30cc	05A002P	05B006P
60cc	05A008P	05B009P
90cc	05A010P	05B007P

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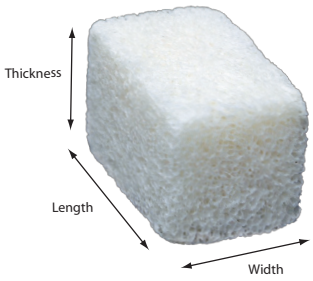
General Orthopedic Allograft

Cancellous 4-10mm

Specifications	Catalog #	
	Freeze-Dried	Frozen
5cc	08A024P	-
15cc	08A022P	08B023P
30cc	08A020P	08B024P
60cc	08A021P	08B025P
90cc	08A023P	-

Cancellous 250-850µm

Specifications	Catalog #
	Freeze-Dried
15cc	07A001P
30cc	07A004P



Cancellous Block

Dimensions			Catalog #
Thickness	Width	Length	Freeze-Dried
20mm	20mm	40mm	09A004P

Cancellous Cortical 1-4mm

Specifications	Catalog #
	Freeze-Dried
15cc	10A002P
30cc	10A001P

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General Orthopedic Allograft

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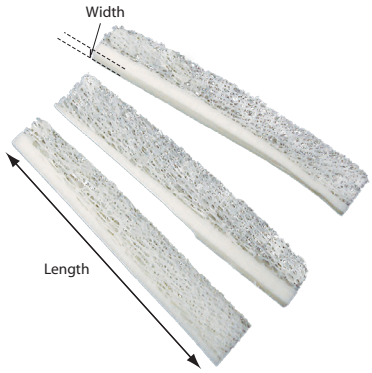
Cancellous Cortical 4-10mm

Specifications	Catalog #
	Freeze-Dried
15cc	19A002P
30cc	19A001P

Cancellous Cortical Matchsticks

Specifications			Catalog #	
	Width	Length	Quantity	Freeze-Dried
Small	3 - 6mm	60mm	3 / Pack	18A008P
			6 / Pack	18A006P
Large	3 - 6mm	80mm	3 / Pack	18A009P
			6 / Pack	18A005P

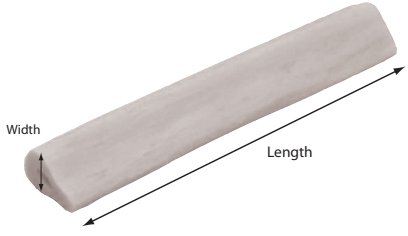


Cancellous Cubes

Dimensions			Catalog #	
Thickness	Width	Length	Freeze-Dried	
10mm	10mm	10mm	13A001P	4 pack
10mm	10mm	10mm	13A002P	1 pack

Cortical Segment

Specifications			Catalog #	
	Width	Length	Freeze-Dried	Frozen
Small	Measure	40 - 65mm	71A003P	71B004P
Large	Measure	66 - 99mm	71A004P	71B005P



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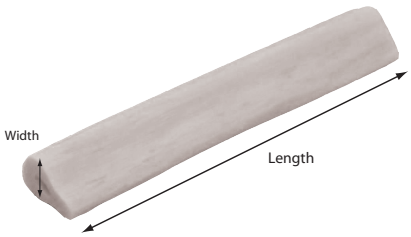
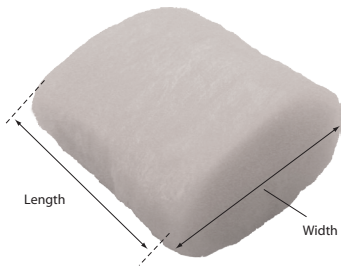
General Orthopedic Allograft



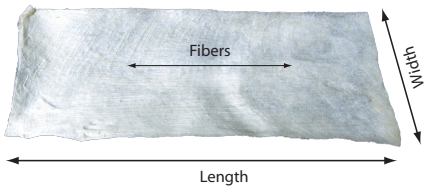
Cortical Shaft

Specifications			Catalog #	
	Width	Length	Freeze-Dried	Frozen
Small	Measure	100 - 125mm	72A002P	72B005P
Large	Measure	126mm min.	72A003P	72B006P



Costal Cartilage

Dimensions		Catalog #
Width	Length	Frozen
10mm min.	30mm min.	70B001P



Fascia

Dimensions		Catalog #
Width	Length	Freeze-Dried
60mm min.	140mm min.	21A001P

Dimensions		Catalog #
Width	Length	Frozen
80mm	80mm	21B007P

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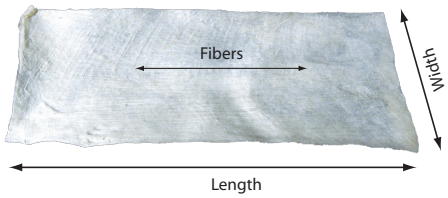
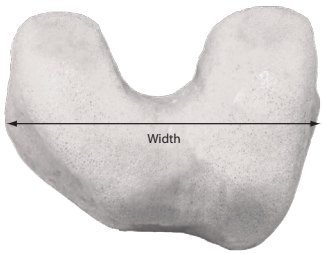
Fascia Strip

Dimensions		Catalog #
Width	Length	Freeze-Dried
40 - 60mm	50 - 140mm	21A005P



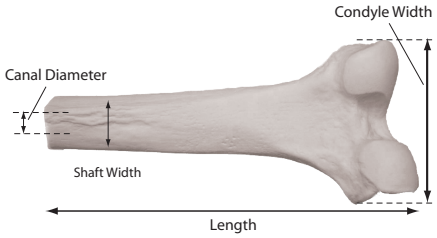
Femur Condyle

Specifications		Catalog #	
Width		Freeze-Dried	Frozen
Measure Medial to Lateral	Whole	22A003P	22B004P
	Half	22A001P	22B002P



Femur Distal with Condyle

Specifications				Catalog #	
Overall Length	Condyle Width	Shaft Width	Canal Diameter	Frozen	
200mm min.	Measure	25mm min.	Measure	LEFT	23B002P
	Measure	25mm min.	Measure	RIGHT	23B004P



Femur Head

Specifications	Catalog #	
Diameter	Freeze-Dried	Frozen
40mm min.	24A001P	24B002P

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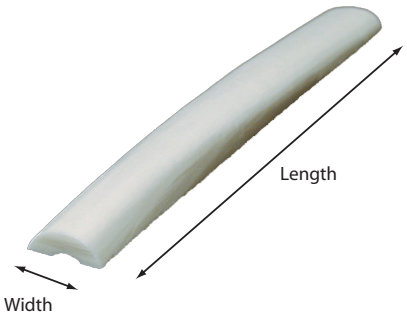
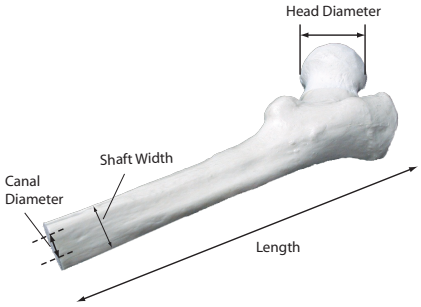
General Orthopedic Allograft



Femur Plate

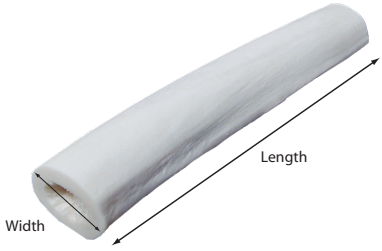
Specifications		Catalog #	
Width*	Length	Freeze-Dried	Frozen
20mm min.	150mm min.	25A001P	25B003P

*Width is measured on smallest end of shaft



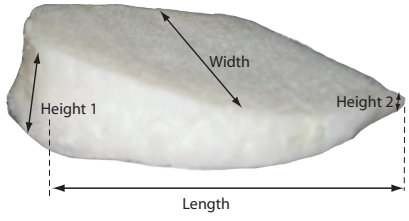
Femur Proximal with Head

Specifications				Catalog #	
Length	Head Diameter	Shaft Width	Canal Diameter	Frozen	
200mm min.	Measure	25mm min.	Measure	LEFT	30B002P
	Measure		Measure	RIGHT	30B003P



Femur Shaft

Specifications		Catalog #	
Width	Length	Freeze-Dried	Frozen
25mm min.	150mm min.	27A005P	27B006P



HTO Wedge

Specifications					Catalog #
Description	Height 1 +0 / -2.0mm	Width	Length	Height 2	Freeze-Dried
HTO Wedge 6°	7.5mm	Measure	Measure 35mm min. 50mm max.	Measure 3mm min.	64A106P
HTO Wedge 8°	10.0mm	Measure			64A108P
HTO Wedge 10°	12.5mm	Measure			64A110P
HTO Wedge 12°	15.0mm	Measure			64A112P
HTO Wedge 14°	17.5mm	Measure			64A114P

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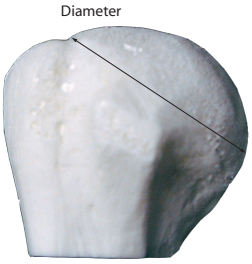
PARCUS MEDICAL, LLC

General Orthopedic Allograft

LifeLink® Tissue Bank

Humerus Head

Specifications	Catalog #	
Diameter	Freeze-Dried	Frozen
40mm min.	34A001P	34B002P



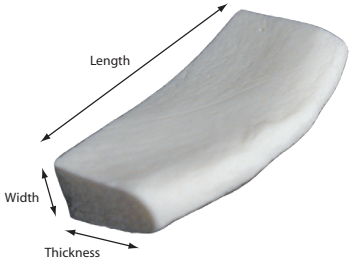
Humerus Shaft

Specifications		Catalog #	
Width*	Length	Freeze-Dried	Frozen
15mm min.	100mm min.	37A002P	37B003P

*Width is measured on smallest end of shaft

Iliac Crest Strip

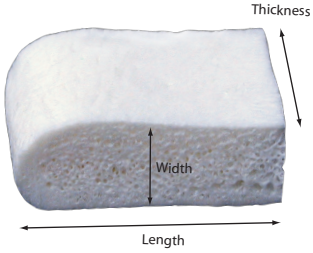
Specifications			Catalog #
Thickness	Width	Length	Freeze-Dried
15mm min.	9mm min.	50 - 80mm	40A003P



Iliac Crest Wedge

Specifications				Catalog #	
	Thickness	Width	Length*	Freeze-Dried	Frozen
Sm.	7mm min. 14mm max.	9mm min.	18mm min. 25mm max.	40A002P	N/A
Lg.	15mm min. 25mm max.	10mm min.	25mm min. 30mm max.	40A001P	40B004P

*No more than 3mm variance on length from side to side



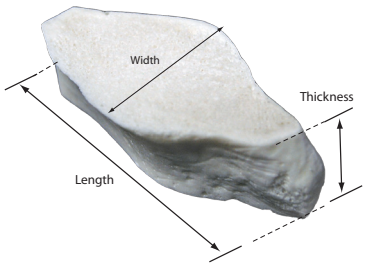
To place an order call 941-755-7965 or email customerservice@parcusmedical.com

PARCUS MEDICAL, LLC.

LifeLink® Tissue Bank

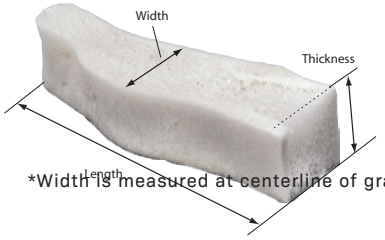
General Orthopedic Allograft

Ilium Block Tricortical



Specifications			Catalog #
Thickness	Width	Length	Freeze-Dried
15mm min. 25mm max.	20mm min.	75mm min.	39A002P

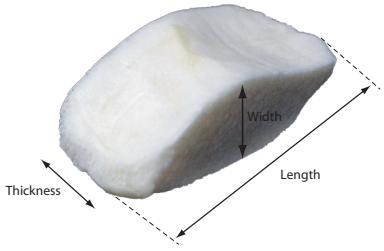
Ilium Strip Tricortical



*Width is measured at centerline of graft

Specifications			Catalog #
Thickness	Width*	Length	Freeze-Dried
15mm min. 25mm max.	10mm min.	65mm min.	42A001P

Patella Wedge



Specifications			Catalog #
Thickness	Width	Length	Freeze-Dried
15mm min.	13mm min.	30mm min.	46A005P

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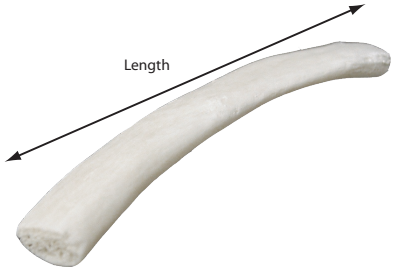
PARCUS MEDICAL, LLC

General Orthopedic Allograft

LifeLink® Tissue Bank

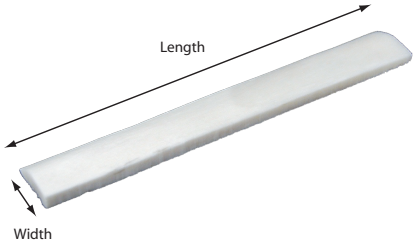
Rib Whole

Specifications	Catalog #
Length	Freeze-Dried
80mm min.	51A001P



Tibia Plate

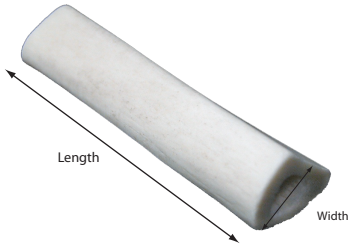
Specifications		Catalog #	
Width	Length	Freeze-Dried	Frozen
20mm min. – 30mm max.	150mm min.	56A001P	56B002P



Tibia Shaft

Specifications		Catalog #	
Width*	Length	Freeze-Dried	Frozen
Measure	150mm min.	59A002P	59B003P

*Width is measured on smallest end of shaft



LifeLink®
Tissue Bank

Quality

Our formula for success is simple, unique and amazingly effective. We provide safe, superior allografts through an uncompromising series of processes.

A full service tissue bank since 1985, LifeLink ensures that all established state and federal standards for recovery, processing, packaging and distribution of human allograft tissue are met. Our motto, ***Safety From The Beginning®***, is the cornerstone of LifeLink's unparalleled quality assurance and control. From using donor screening criteria that is among the strictest in the nation, to processing all bone and soft tissue utilizing cleanroom technology, we have earned a reputation in the surgical community for providing allografts of unsurpassed safety and quality.

The following are a few of the standards that set LifeLink apart:

- Our tissue comes strictly from federally designated OPOs (organ procurement organizations) including three LifeLink OPOs. We only recover tissue in a qualified recovery environment.
- All tissue is recovered and processed under aseptic conditions. All LifeLink musculoskeletal tissue is processed using Allowash® technology. While most of our grafts receive low dose gamma irradiation, the majority of all sports and demineralized allografts are non-irradiated.
- On-site CAP accredited microbiology laboratory.
- In-house Medical Directors available to tissue bank staff and medical screening personnel 24 hours a day, 7 days a week, 365 day a year.

We perform an average of 48 cultures per donation, because safety is in the details.

LifeLink goes to great lengths to ensure the safety of our allografts. In addition to evaluating the donor's medical and social history, relevant medical records and autopsy (if performed), comprehensive serologic testing is performed. An average of 48 microbiologic cultures are also performed from aseptic recovery through final allograft packaging. As a final safety measure, test samples equaling 10 percent of the non-irradiated allografts generated from each donor are destructively tested for the presence of microorganisms.

Blood screening includes the following:

- HIV1/HIV2 AB
- HBsAg
- HBcAb
- HCVAb
- *STS
- HIV1/HCV/**HBV NAT

*STS Serologic Test for Syphilis **HBV NAT performed on cases 016691 and higher

All tissue is determined to be suitable for transplantation after LifeLink Tissue Bank's Medical Directors perform a thorough review of all the items listed above in addition to toxicology (if applicable) and any other relevant medical/investigative records.

Customer Service

LifeLink® Tissue Bank

Our continuous focus on service ensures that surgeons receive the allografts they need when they need them.

Life changing allografts are of no use if they are not in the right place at the right time, delivered into a surgeon's hands.

- All staff members have extensive knowledge of allograft tissue and their numerous surgical applications
- We are available to assist your hospital and surgeons with technical support, cost containment strategies and graft selection
- We can assist with consignment and inventory management
- We will work with your hospital to ensure that surgeons' allograft needs are fulfilled
- Joint Commission compliance and continuing education

To place an order call **941-755-7965** or email **customerservice@parcusmedical.com**

PARCUS MEDICAL, LLC.

Licenses and Certifications

LifeLink®
Tissue Bank

LifeLink's ultimate goal is to preserve and improve a patient's quality of life.

LifeLink Tissue Bank is a division of the LifeLink Foundation, an independent not-for-profit organization, dedicated to the recovery and transplantation of organs and tissue. Since 1982, the Foundation has worked in a sensitive, diligent and compassionate manner to help save and improve lives. LifeLink Foundation consists of five divisions, which includes the tissue bank, three organ procurement organizations, and an immunology laboratory.

Licenses and Certifications

- LifeLink Tissue Bank is accredited by the American Association of Tissue Banks
- Registered with the FDA (FEI: 3008286876)
- Registered with Health Canada (CTO Certificate# 100144)
- Licensed by the States of Florida, California, and New York
- Holds a permit to distribute in Maryland and is registered in Delaware, Oregon and Illinois

Copies of LifeLink Tissue Bank's current licenses and accreditations can be obtained at http://www.lifelinktissuebank.org/physicians-hospitals/certifications/

Ordering LifeLink Allografts

LifeLink®
Tissue Bank

Parcus Medical Customer Service department is available to answer questions and process requests Monday through Friday from 8:00 a.m. until 5:00 p.m. EST.

Advanced ordering is recommended to ensure prompt delivery. A purchase order number is always required prior to shipment to effectively process an order.

To place an order call **941-755-7965** or email **customerservice@parcusmedical.com**

Shipping

All local orders are handled by an established courier service or FedEx. We utilize FedEx Priority for all orders outside the LifeLink service area. Same day delivery arrangements are made for emergency orders.

Packaging and Preservation

State-of-the-art techniques are utilized to package and preserve tissue. All packaging is completed in continuously monitored cleanrooms and placed in double heat sealed envelopes. Allografts are then preserved utilizing one of the following commonly accepted methods:

- **Freeze-drying or lyophilization:** This is the most commonly applied preservation method for tissues. Specific freeze-drying cycles are utilized to ensure a residual moisture level of 6% or less.
- **Freezing:** A method in which allograft tissue is packaged and then stored at -40 degrees celsius or colder.

Recommended Procedure for Handling and Reconstitution of Freeze-Dried Allografts

Freeze-dried allografts are stored at ambient temperature (11°C-25°C; 52°F-77°F). Rehydration time varies with the type of allograft. Freeze-dried weight bearing bone allografts that are to be sawed, drilled, or shaped should be rehydrated to ensure that the tissue will not be brittle. If the allograft is to be rehydrated longer than two hours, it should be refrigerated until use. Smaller non-weight bearing bone allografts generally do not require rehydration.

Once removed from the package, the allograft should be implanted immediately or refrigerated and used within 24 hours (if stored with proper precautions to prevent contamination).

Please refer to package insert for detailed instructions.

Recommended Procedure for Thawing Frozen Allografts

To prepare the allograft for use, it must be thawed. Thawing time for most frozen allografts is about 15-30 minutes at room temperature. For larger structural grafts, thaw for up to one hour. Soft tissue allografts must be thawed until they become soft and pliable.

Once thawed, the allograft should be implanted immediately or refrigerated and used within 24 hours (from start of thawing) if stored with proper precautions to prevent contamination.

Please refer to package insert for detailed instructions.

Transit and Storage Temperatures

Frozen allografts are shipped to the hospital on dry ice and should be stored at -40° Celsius or colder until use. Temperatures between -20° Celsius and -40° Celsius are acceptable for short-term storage (six months or less). For returns however, LifeLink only accepts frozen tissue that has been stored at -40° Celsius or colder. Unless it is being thawed for implantation, a graft removed from the freezer should be maintained in a transport container with dry ice completely surrounding the allograft. The time the graft is removed from and returned to the freezer should be documented in the Allograft Management Log. Care should be taken when working with dry ice, as burns may result from contact with unprotected skin.

Freeze-dried allografts do not have a specific required environmental temperature during shipping and are shipped at ambient temperature. Upon receipt, freeze-dried allografts should be stored at ambient temperature (11°-25°C; 52°F-77°F).

The methods of processing and storage utilized by LifeLink Tissue Bank are well documented and have been proven effective by many years of clinical experience.

Tracking

Traceability of each allograft is maintained by means of an automated system. Each allograft is assigned a unique identifying number that allows complete traceability from the donor through each stage in processing, storage and shipment to the end user. Included with each packaged allograft is an Allograft Implant Record which must be completed and returned to LifeLink Tissue Bank upon implantation. This information is essential for maintaining a complete record of all allografts shipped from LifeLink Tissue Bank.

Return Policies

This return policy is intended to allow return of certain allografts while at the same time ensuring adequate control of those factors that affect allograft safety and clinical effectiveness.

1. Parcus Medical reserves the right to refuse to issue credit if return criteria have not been met. A $25 handling fee will be charged for each allograft returned unless the reason for return is due to the result of an error for which the hospital or surgeon is not at fault.
2. If you encounter any problem with an allograft, have any questions, or if there is a patient complication possibly related to an allograft, please contact Parcus Medical immediately at (941) 755-7965.

Return Authorization

A Return Authorization Form and number must be obtained from Parcus Medical. This completed form must accompany returned allografts in the transport container.

Criteria for Return of Human Allograft Tissue

Allograft must be stored in accordance with the temperatures defined in the LifeLink package insert.

Frozen Tissue

Frozen allograft tissue that has been stored in a monitored freezer maintained at -40°C or colder may be accepted for return within 5 days of shipment from LifeLink. A signed Tissue Storage Certification for Return must be on file with LifeLink Tissue Bank. If this form has not been completed, please call the Parcus Medical Customer Services department to have the form faxed or sent to you: (941) 755-7965

Frozen allograft tissue that has not been stored in a monitored freezer maintained at -40°C or colder, must have been maintained on a minimum amount of dry ice in the original LifeLink transport package and packed so that the dry ice surrounds the allograft(s). In addition, return authorization must be obtained from LifeLink within 24 hours of receipt of the tissue at your facility. Tissue must be received by LifeLink within 48 hours of the return packaging date and time and no more than 3 days from when your facility initially received the tissue.

Freeze-Dried Tissue

- Allograft tissue must be returned within 30 days of receipt at facility.
- Integrity of allograft package must be intact. Return allografts in their original dust cover if possible.

For detailed information about returning allograft, please contact the Parcus Medical Customer Services department at 941-755-7965 or refer to LifeLink Tissue Bank's return policy.

LifeLink®
Tissue Bank

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