



Soft Tissue

Specification Book



In Partnership with:
mtfbiologics

MTF
ADVANTAGE

No Terminal Radiation
No Harsh Chemicals

Over 9 million grafts distributed

How We Measure Our Soft Tissue Allografts

At MTF, we take precise care in accurately capturing and recording all dimensions and aspects of our allograft tendons. Two key dimensions of a soft tissue allograft are its diameter and folded diameter. We've illustrated our methods for determining those measurements.

To capture a folded diameter, we place a suture on top of the tendon mid-way down its length, then fold it in half over the suture (see figure 1). Using minimal force, we advance the front part of the tendon (nearest to the suture) into sequentially smaller diameter holes until the tendon is visible from the hole (see figure 2).



Figure 1. The tendon is folded over a suture.

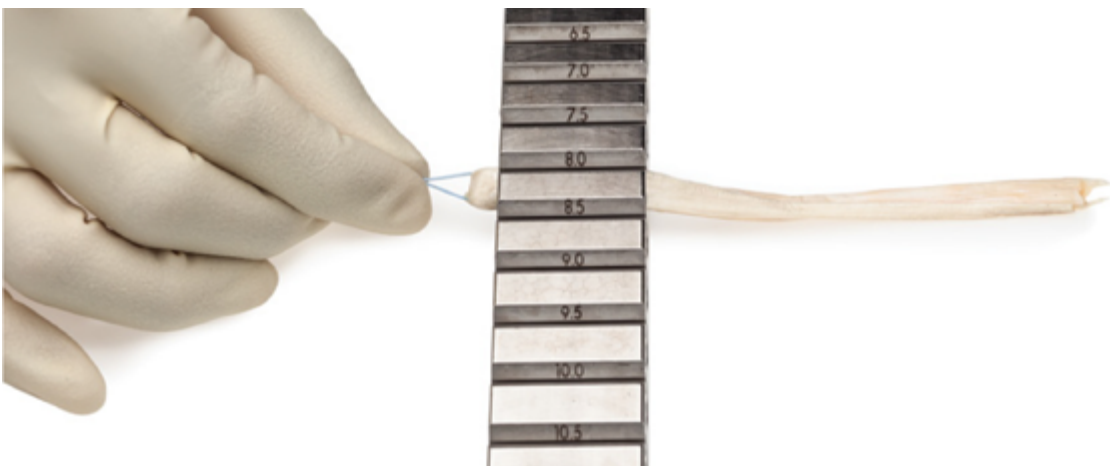


Figure 2. The tendon is advanced through the hole in the gauge for folded diameter measurement.

For measuring the unfolded diameter of the tendon, we take a similar approach to our folded diameter method. Using a force clamp, we secure the end of the tendon and advance it through sequentially smaller holes in a gauge until the tendon can no longer be pulled through (see figure 3 and figure 4).



Figure 3. The tendon is advanced through the gauge unfolded for the diameter measurement.



Figure 4. The tendon is fit through the gauge opening for the diameter measurement.

Allograft Tendons

Anterior Tibialis Tendon



Frozen Order No.		L	W	FD	D
430337	Anterior Tibialis: Small Diameter	22-38cm	6-12mm	5-7.5mm	3-7.5mm
430335	Anterior Tibialis	22-38cm	6-12mm	8-12mm	3-12mm
430336	Anterior Tibialis with Specs	22-38cm	6-12mm	8-12mm	3-12mm

Posterior Tibialis Tendon



Frozen Order No.		L	W	FD	D
430342	Posterior Tibialis: Small Diameter	22-38cm	6-12mm	5-7.5mm	3-7.5mm
430340	Posterior Tibialis	22-38cm	6-12mm	8-12mm	3-12mm
430343	Posterior Tibialis with Specs	22-38cm	6-12mm	8-12mm	3-12mm

Peroneus Longus Tendon



Frozen Order No.		L	W	FD	D
430347	Peroneus Longus: Small Diameter	22-38cm	6-12mm	5-7.5mm	3-7.5mm
430345	Peroneus Longus	22-38cm	6-12mm	8-12mm	3-12mm

Semitendinosus Tendon



Frozen Order No.		L	W	FD	D
430350	Semitendinosus Tendon	26-38cm	3-10mm	3-12mm	3-12mm
430355	Semitendinosus Tendon	20-25.9cm	3-10mm	3-12mm	3-12mm
430360	Semitendinosus Tendon	16-19.9cm	3-10mm	3-12mm	3-12mm

Gracilis Tendon



Frozen Order No.		L	W	FD	D
430300	Gracilis	22-38cm	3-10mm	3-12mm	3-12mm

Allograft Tendons with Bone Blocks

Patella Bone-Tendon-Bone



Frozen Order No.		L	W	X	Z	Q	Y	T
430005	Hemi with Quadriceps	8-14cm	10-13mm	30-60mm	7-13mm	30-80mm	25-30mm	10-13mm
430012	Hemi with Quadriceps with Specs	8-14cm	10-13mm	30-60mm	7-13mm	30-80mm	25-30mm	10-13mm
430010	Hemi with Quadriceps	8-14cm	10-30mm	30-60mm	7-25mm	30-80mm	25-30mm	16-30mm
430014	Hemi with Quadriceps with Specs	8-14cm	10-30mm	30-60mm	7-25mm	30-80mm	25-30mm	16-30mm
430030	Whole with Quadriceps	8-14cm	13-40mm	30-80mm	7-30mm	50-80mm	25-30mm	16-30mm
430034	Whole with 5cm Quadriceps	13-20cm	13-40mm	30-80mm	7-30mm	50-80mm	80-85mm	16-30mm
430036	Whole with 8cm Quadriceps	13-20cm	13-40mm	30-80mm	7-30mm	80-100mm	80-85mm	16-30mm
430032	Whole with ≥ 5 cm Quadriceps with Specs	13-20cm	13-40mm	30-80mm	7-30mm	50-100mm	80-85mm	16-30mm
Frozen Order No.		L	W	X	Yt	Yp	T	P
430007	Hemi with Shaped Bone Blocks	8-13cm	9.5-10mm	30-53mm	25-27mm	25-27mm	6-8mm	6-8mm
Frozen Order No.		L	W	X	T	Y	Z	P
430015	Hemi without Quadriceps	8-14cm	13-30mm	30-53mm	16-30mm	25-30mm	7-25mm	7-20mm

Key	Without Bone Blocks	With Bone Blocks
L (Length)	Entire length of tendon	Entire length of tendon including the bone block(s)
W (Width)	Minimum width of the tendon	Minimum width of the tendon
FD	The minimum tunnel diameter through which the folded tendon can be inserted	N/A
D	The minimum tunnel diameter the unfolded tendon can be pulled through	N/A
T (Thickness)	N/A	Thickness of the bone block and tendon measured anterior to posterior
Z	N/A	Minimum measurement of bone block measured medial to lateral
Y	N/A	Length of the bone block proximal to distal
X	N/A	Minimum distance between proximal tibia and distal patella bone blocks
Q	N/A	Length of quadriceps tendon from attachment to the patella to cut end
P	N/A	Minimum thickness of the patellar block (including tendon), measured anterior to posterior
Yp	N/A	Minimum distance proximal to distal of the patellar block
Yt	N/A	Minimum distance proximal to distal of the tibial block

Allograft Tendons with Bone Blocks

Quadriceps Tendon

Frozen Order No.		L	W	Y	T	Z
430700	Quadriceps Tendon with Patella	16.5-25cm	10-20mm	24-40mm	7-25mm	-
430705	Quadriceps Tendon without Patella	16.5-25cm	10-20mm	-	-	-
430707	Quadriceps Tendon with Shaped Patella	≥16.5-30cm	10-19mm	25-30mm	6-8mm	9.5-10mm

Achilles Tendon

Frozen Order No.		L	W	Y	T	Z
430200	Achilles Tendon with Calcaneus	19.5-38cm	10-20mm	20-40mm	13-30mm	16-35mm
430201	Achilles Tendon with Calcaneus with Specs	19.5-38cm	10-20mm	20-40mm	13-30mm	16-35mm
430250	Achilles Tendon with Calcaneus	16-19.4cm	10-20mm	20-40mm	13-30mm	16-35mm
430521	Achilles Tendon without Calcaneus	16-19.4cm	10-20mm	-	-	-
430207	Achilles Tendon with Shaped Bone Blocks	19.5-38cm	10-18mm	25-30mm	9.5-10mm	6-8mm
430208	Achilles Tendon with Shaped Bone Blocks with Specs	19.5-38cm	10-18mm	25-30mm	9.5-10mm	6-8mm

Key	Without Bone Blocks	With Bone Blocks
L (Length)	Entire length of tendon	Entire length of tendon including the bone block(s)
W (Width)	Minimum width of the tendon	Minimum width of the tendon
T (Thickness)	N/A	Thickness of the bone block and tendon measured anterior to posterior
Z	N/A	Minimum measurement of bone block measured medial to lateral
Y	N/A	Length of the bone block proximal to distal

ORDERING INFORMATION

ANTERIOR TIBIALIS GRAFTS

Length	Donor Age ≤45	Donor Age 46+
≤ 7.5mm	430337	430337
8.0-8.5mm	430336	430335
9.0mm+	430336	430336

* All Freeze-Dried Anterior Tibialis 400335

PERONEUS LONGUS GRAFTS

Length	Frozen	Freeze-Dried
≤ 7.5mm	430347	400356
8.0-8.5mm	430345	400356

POSTERIOR TIBIALIS GRAFTS

Length	Donor Age ≤45	Donor Age 46+
≤ 7.5mm	430342	430342
8.0-8.5mm	430343	430340
9.0mm+	430343	430343

* All Freeze-Dried Posterior Tibialis 400340

SEMITENDINOSUS GRAFTS

Length	Frozen	Freeze-Dried
≤ 20cm	430360	400355
20.1-25.9cm	430355	400355
26cm+	430350	400260

GRACILIS GRAFTS

Length	Frozen	Freeze-Dried
20cm+	430300	400301

HEMI BTB GRAFTS

Length	Donor Age ≤45	Donor Age 46+
10-13mm, X-Measurement ≤ 45mm	430012	430012
10-13mm, X-Measurement ≥ 45.1mm	430012	430005
13mm+, X-Measurement ≤ 45mm	430014	430014
13mm+, X-Measurement ≥ 45.1mm	430014	430010

* Freeze-Dried BTB Hemi w/ Quadriceps

10-12.9mm Width	400005
13mm+ Width	400010

SPECIALTY BTB HEMI

Length	Frozen	Freeze-Dried
Without Quadriceps	430015	N/A
With 10mm Shaped Bone Block	430007	400007

WHOLE BTB GRAFTS

Length	Donor Age ≤45	Donor Age 46+
Quadriceps, X-Measurement All	430030	430030
5cm Quadriceps, X-Measurement X ≤ 45mm	430032	430032
5cm Quadriceps, X-Measurement X ≥ 45.1mm	430032	430034
8cm Quadriceps, X-Measurement X ≤ 45mm	430032	430032
8cm Quadriceps, X-Measurement X ≥ 45.1mm	430032	430036

ACHILLES GRAFTS

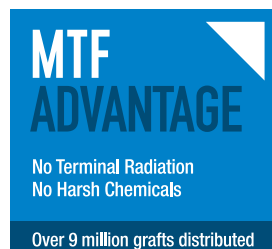
Length	Donor Age ≤45	Donor Age 46+
16-19.4cm Frozen	430250	430250
16-19.4cm Freeze-Dried	400278	400278
19.5cm+ Frozen	430201	430200
19.5cm+ Freeze-Dried	400203	400203

SPECIALTY ACHILLES

Length	Donor Age ≤45	Donor Age 46+
Frozen with 10mm Shaped Bone Blocks	430208	430207
Frozen without Calcaneus (16-19.4cm length)	430521	430521
Freeze-Dried without Calcaneus (16-19.4cm length)	400279	400279

QUADRICEPS GRAFTS

Length	
> 14cm Length, with 10mm Shaped Bone Blocks	430707
16.5-25cm Length, with Bone Block	430700
16.5-25cm Length, without Bone Block	430705



To order Allograft Tissue, please call MTF Customer Service at
 (US) **800-433-6576** or (Global) **732-661-0202**.



Tissue Spec Book

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