

Technical
Bracing and
O&P Textile
Solutions



# Dear Customers,

From an MS patient running marathons to athletes with drop foot competing on the world's largest stages of physical competitions.

A firefighter using prosthetic interfaces to continue to protect his community and people managing knee pain to regain movement.

Thuasne® is committed to helping everyday people regain movement and giving professionals and patients the power to be active players in their own health.

More than ever, Thuasne is committed to being your partner and to provide effective solutions to improve the mobility and quality of life for our patients.

Thank you for your trust and we wish you a wonderful and successful year.

Your Thuasne® North America Team

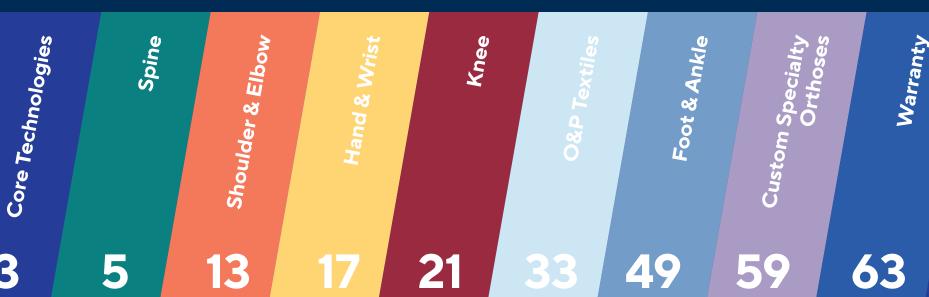


# **Innovative and Experienced**

With over 175 years of experience and the know-how of over six generations of entrepreneurs, Thuasne® is firmly committed to empower each patient and caregiver in their efforts to restore mobility and improve quality of life through non-invasive care.

Thuasne continues to focus on supporting patients in the fields of orthopedics, medical compression, and women's health.

### **Table of Contents**

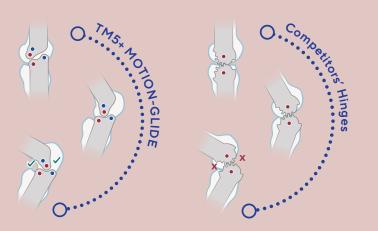


### **Thuasne Core Technologies**



#### **Core Technologies for Knee Orthoses**

The Thuasne Motion Hinge tracks with the anatomical roll-and-glide of the knee keeping the brace properly positioned throughout range of motion. The Synergistic Suspension Strap maintains intimacy of fit and brace positioning by deploying a non-elastic strap at the top of the calf muscle. Rotation Control addresses rotary instability by contouring the brace to fit the flatter medial side of the tibia.





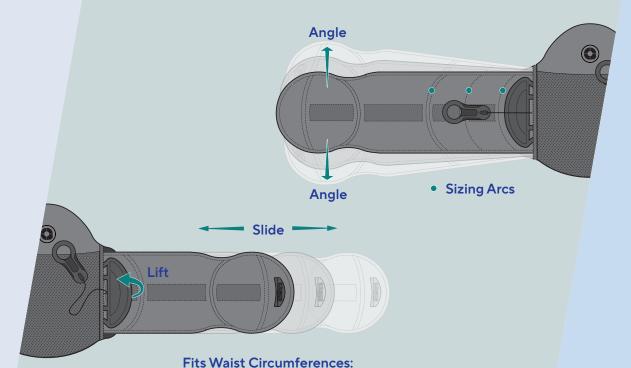
#### **Proprietary Composite Technology**

Thuasne's unique manufacturing process ensures each device is elegant, streamlined and lightweight without sacrificing strength or mechanical outcomes. Featuring a diverse range of composite materials, each with complementary mechanical properties. Thuasne's design philosophy focuses on three principles to ensure optimal outcomes: the thoughtful selection and merging of materials for the best combination of properties; optimizing the geometry, size and length of fibers, and ensuring the optimal ratio of fiber to matrix.



#### **Rodin 4D 7-Axis Robot**

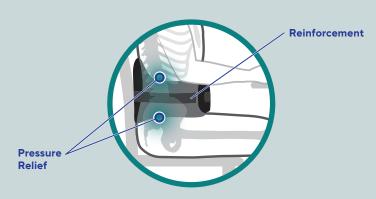
Bringing cutting edge technology to Thuasne's manufacturing processes, the Rodin 4D 7-Axis Robot features multi-application functionality for carving, polishing, and grinding with an expanded capacity for milling a variety of materials. Fast, safe, and efficient, Rodin is helping Thuasne reduce its carbon footprint while standardizing the manufacturing process for greater uniformity from product to product.



SLEEQ® Technology

The SLEEQ® Universal family of LSOs and TLSOs has revolutionized back bracing with its simple adjustment technology perfect for all patient body sizes and types. With adjustable dual wings, crescent hook and loop connectors, corset style cinching methods and the ability to customize panel heights and support, the SLEEQ® range is a truly universal solution for a variety of indications and patient needs.

26"- 62"



Dual Zone Technology allows for compression to remain engaged even while seated. This provides consistent compression, support, and pain relief.

#### Knit-Rite Technology

The Knit-Rite manufacturing process of O&P textile products uses two strands of Core-Spun yarn, meaning two pieces of yarn fiber are wrapped around a central core.

This method of using two strands of yarn makes the products more durable, enabling them to last longer and recover better after washing.

LYCRA® is used in the core, giving products excellent stretch and resilience.

Ionic+® Silver Fibers are also combined with Core-Spun yarns to provide an antimicrobial environment for the patient that prevents odor and inhibits the growth of bacteria and fungi on the surface of the fabric.

The pairing of LYCRA and Ionic+ with Core-Spun fibers creates an original yarn that provides optimal comfort for the patient, enhances fit and form to the limb, and maximizes range of motion.

# Spine

Featuring the SLEEQ ® line of spinal bracing solutions that combines the optimal balance of support, and customizability with an unmatched patient and clinician experience.

# SLEEQ

# SLEEQ® Max Universal TLSO PDAC APPROVED LO464

SLEEQ® Max is the result of extensive research, development and testing that combines the innovative SLEEQ® universal brace platform with Thuasne's trusted rigid brace designs. Our team of clinical experts has designed a post-op/post-injury universal TLSO that delivers maximum control with minimum effort for both the patient and clinician.

Recommended for: Moderate to severe sagittal, coronal, and transverse plane motion restriction / increased intracavitary pressure to reduce spine and disc loading / mechanical or discogenic thoracic lumbar and extremity pain / post-operative spinal stabilization / fusion / degenerative disc disease / post-injury to facilitate healing /spondylolysis/spinal stenosis/spondylolisthesis/spondylosis, laminectomy / discectomy / facet syndrome / spinal muscle weakness /arthritis / low back sprains, strains and prophylactic back support.

#### **Features**

- Patented InvisAdjust<sup>™</sup> universal sizing technology
- Rigid tri-planar control
- Steel sternal bar assembly
- Easy to apply and wear
- Full-circumference shell design
- Steps down to LSO to accommodate patient recovery
- · Comes standard with short sternal bar





Anterior plate can be trimmed with scissors



Accessories



Universal SLEEQ® EXT Panel

Panel accommodates 54"-62" waists



**Long Sternal Bar** 

Replacement for short bar that comes standard with the SLEEQ® Max TLSO

**O&P Textile** 

# SLEEQ ADAPT

Recommended for: low back support / sagittal plane motion restriction (and coronal plane motion restriction on 637) / increased intracavity pressure to reduce spine and disc load / acute and/or chronic low back and lower extremity pain (sciatica) / recovery from post-operative spinal procedures or injury.

#### **Features**

- Reinforced, customizable felt wing insert for greater support
- · Wings can be angled to optimize fit for all body types
- Dual Zone Technology





**Advantages** 



#### Step-Down System

Modular design easily accommodates progressive patient therapies.

#### Customizable Wings

Access to interior components gives clinicians the ability to customize rigidity for support and individual comfort.

#### **Modifiable Support**

Interior support panels can be trimmed and/or heat modified for maximum control.



PDAC L0627/L0642

Low-profile lumbarl orthosis



SLEEQ® ADAPT 631
PDAC L0631/L0648

Lumbar-sacral orthosis



SLEEQ® ADAPT 637
PDAC L0637/L0650

Lumbar-sacral orthosis with sagittal-coronal control



Universal SLEEQ® EXT Panel

Panel accommodates 54"- 62" waists

# **SLEEQ**

Recommended for: Chronic or acute low back pain / degenerative disc disease / bulging or herniated disc / low back sprains or strains / lumbar and trunk muscle weakness / post-op lumbar stabilization / fusion / laminectomy / discectomy / fracture management / prophylactic low back support / decompressive procedures / facet syndrome / spinal stenosis / spondylolisthesis / spondylolysis / spondylosis / radiculopathy / injections.

#### **Features**

- Patented InvisAdjust<sup>™</sup> universal sizing technology
- Breathable open-cell foam padding
- Self-molding ventilated support panels
- Integrated/removable anterior panels
- Adult and pediatric applications fit 22" to 52" waists
- Dual zone technology



SLEEQ® AP
PDAC APPROVED L0627 / L0642



SLEEQ® AP+
PDAC APPROVED L0631/L0648



SLEEQ® APL
PDAC APPROVED L0637 / L0650



Universal SLEEQ® EXT Panel
Panel accommodates 54"-62" waists



SLEEQ® Lateral Panels

Set of two lateral panels fits all

SLEEQ® model braces



Replacement panel that can be used on SLEEQ®, SLEEQ® Flex, and SLEEQ® Max

SLEEO® Anterior Panel

Knee



#### **SLEEQ®** Flex **Universal TLSO** PDAC APPROVED L0456 / L0457

Recommended for: Mild to moderate osteoporosis / compression fractures / postural issues and kyphosis / chronic or acute low/mid back pain / osteoarthritis / degenerative disc disease / bulging or herniated disc / low-mid back sprains and strains / lumbar and trunk muscle weakness.

#### **Features**

- Easy universal sizing technology fits waist sizes 26" - 57"
- Semi-rigid comfort enhancing design
- Highest quality breathable materials



#### SLEEQ® Adapt 456 **Universal TLSO** PDAC APPROVED L0456 / L0457

Recommended for: Stable, osteoporotic vertebral fractures /kyphosis with poor shoulder posture / spondylitis / arthritis /sagittal plane motion restriction / post-operative thoracic spinal support / post-injury thoracic spinal support.

#### Featuring:

- Customizable rigid posterior panels with step-down capabilities
- Dual anterior wings with adjustable sizing arcs
- · Posterior height adjustable Thoracare upright and backpack style straps
- SLEEQ® Extension Panel (for waist sizes 54"-62")



### **SLEEQ® Hot Cold Pack**

The SLEEO® Hot Cold Pack is built to provide additional relief for patients who use the SLEEQ® line of LSOs and TLSOs. Freezer and microwave safe, use the pack to bring heat and/or cold therapy to your recovery.

Hot therapy recommended for: relief of muscle spasms, muscle stiffness, joint stiffness, and chronic pain.

Cold therapy recommended for: relief of swelling/ inflammation/edema following muscle spasms, sprains, strains, trauma, and acute pain.

#### **Features**

- Microwave and freezer safe
- Fits easily into the SLEEQ line of products
- · Anchor tabs for secure application







Recommended for: Sacroiliac joint pain / instability / arthritis

dysfunction / SI and symphysis pubis issues related to post-

/sprains and strains / pelvic girdle and symphysis pubis

Patented Lacer Design Compression System

• Simple pull straps for tightening and adjustment

partum / fracture management / sciatica.

Ultra-low-profile design

#### LombaMum **PDAC APPROVED A9270**

Recommended for: Pregnancy related low back pain / pregnancy related pelvic pain / abdominal support / sacroiliac support / muscle strain / symphysis pubis pain.

#### **Features**

Spine

- One-size modular design accommodates different sizes and phases of pregnancy
- Easy to apply
- Provides variable lumbar support that corrects the posture of pregnant women
- · Adjustable stays support the curvature of the lumbar spine
- Adjustable support straps gently lift and relieve pressure off the bladder
- · Soft and comfortable inner liner to prevent skin irritation
- Safe support without vascular or abdominal compression

REPLACEMENT PAD SET PRODUCT# T492851

**Shoulder & Elbow** 

#### **Dorso Rigid** PDAC APPROVED L0472

**Recommended for:** Compression fractures / traumatic fractures / osteoporotic and metastatic fractures / dorsolumbar osteoarthritis / immobilization after surgical stabilization of thoracolumbar fractures.

#### **Features**

**Hand & Wrist** 

- Lightweight telescoping aluminum alloy frame
- Easy to use lever lock tightening closure
- Spring assisted pelvic band articulates or locks at 0° or 18°
- Sternal pad self-adjusts for comfortable control
- Back pad positions horizontally or vertically

	Size	A	В
	SM	24 - 29"	15 - 18"
В	MD	29 - 35"	16 - 19"
	LG	35 - 41"	18 - 20"
A	XL	41 – 45"	19 - 22"

A - Pelvis Circumference B - The Pubic Symphisis to Sternum Height

Knee

**O&P Textile** 

**Features** 

**BOA® SI** 

PDAC APPROVED L0621

Size Waist Measurement 25 - 35" MD 35 - 45" 45 - 55"

9 | Thuasne

### **Coming Soon**

# **Ortel T-Neck**

PDAC Approved L0172, L0174, L0180

6

White cotton lining for enhanced

breathability, rebounding from

compression, and moisture

wicking capabilities

Open-Cell breathable material for cool comfort

Tracheal opening for quick and simple access

The Chin Height Adjustment Mechanism features a dual pull-down lever system

11 | Thuasne



Enhanced Sternal Support provides additional immobilization and stabilization



Ortel T-Neck Plus occipital stabilization



Ortel T-Neck Precision 180 occipital stabilization



# Ortel T-Neck PDAC APPROVED L0172

The Ortel T-Neck is a stabilizing and immobilizing Cervical Spine Orthosis.

Recommended for: Radicular pain in the cervical spinal region / severe whiplash injury / moderate to severe cervical syndrome / inflammations / stable, non-dislocated vertebral body fractures (without neurological symptoms)



# Ortel T-Neck Plus PDAC APPROVED L0174

The Ortel T- Neck Plus is a stabilizing and immobilizing Cervical Spine Orthosis with enhanced sternal support though the added thoracic extension and occipital stabilization through, increased occipital panel length.

Recommended for Preoperative / Postoperative / Posttraumatic / Inflammatory diseases / Degeneration / Severe instabilities of the cervical spine / Stable, non-dislocated vertebral body fractures (without neurological symptoms)



# Ortel T-Neck Precision 180 PDAC APPROVED L0180

The Ortel T-Neck Precision 180 is a stabilizing and immobilizing Multi Post Cervical Spine Orthosis.

Recommended for: Preoperative / Postoperative / Posttraumatic / Inflammatory disease / Degeneration / Moderate to Severe instabilities of the cervical spine / Cervical Sprains and Strains / Radiculopathy / Musculoskeletal pain / Stable, non-disclosed vertebral body fractures (without neurological symptoms) / Severe whiplash injury / Inflammations

#### **Features**

- Enhanced sternal rest and adjustable occipital panel
- Height adjustability on both the anterior and posterior panels
- Effectively fits individual anatomies and multiple cervical spine conditions
- Provides increased cervical spine motion restrictions.

Spine Shoulder & Elbow Hand & Wrist Knee O&P Textile Foot & Ankle





# AeroSling II Universal Shoulder Orthosis

RECOMMENDED L-CODE L3960

AeroSling II is the perfect universal solution for post-op / post-injury shoulder immobilization and positioning. The Lightweight aluminum frame adapts to all body types and provides multi-planar adjustability for 30° and 90° abduction and rotational positioning. The patient experience is enhanced by premium breathable materials, a one-handed buckle design that makes donning easy, and as healing progresses, the brace steps down to a simplified sling.

Recommended for: Post-injury or post-surgical shoulder immobilization / rotator cuff injuries and repairs / joint reconstruction, glenohumeral dislocations / subluxation / muscle, ligament, and tendon repair / capsule repairs / shoulder instabilities / Bankart lesions / SLAP lesions.

#### **Features**

- Universal sizing reduces inventory
- 90° abduction bracket and 30° abduction bolster options standard with every sling
- Adjustability for specific post-op / post-injury rotation positioning
- Lightweight malleable frame easily adjusts to all body types
- Premium breathable materials
- One-handed buckle design provides easy donning
- Hand-grip keeps arm from migrating distally
- Adjusts for use on left or right shoulder

#### Adjustable length cuff

# Townsend Shoulder Sling

Recommended for: Immobilization for rotator cuff repairs / capsular shifts / glenohumeral dislocations / Bankhart repairs / subluxation / soft tissue repairs / strains.

#### **Features**

- Breathable fabric sling
- 30° abduction pillow
- Adjustable padded strap
- Exercise ball
- Two sizes based on arm length
- · Universal left or right arm

	Size	Arm Measuremen
1//	S/M	< 14"
	L/XL	> 14"



# Elite Shoulder Sling

Recommended for: Immobilization for rotator cuff repairs / capsular shifts / glenohumeral dislocations / Bankhart repairs / subluxation / soft tissue repairs / strains.

#### Features

- Breathable mesh 30° abduction pillow and shoulder sling
- Quick-release buckles
- Dual reinforced elbow section
- Adjustable mesh neck padding
- Exercise ball
- Two sizes based on arm length
- Universal left or right arm

	Size	Arm Measurement
1//	S/M	< 14"
	L/XL	> 14"

13 | Thuasne

**O&P Textile** 



#### **Immo Classic** PDAC APPROVED L3660

Recommended for: The immobilization of the elbow following injury / acute epicondylitis or epitrochleitis (tennis elbow) / immobilization following fracture of the scapula / analgesic immobilization of the shoulder, arm and forearm.

#### **Features**

- Provides immobilization of the elbow
- Adjustable protective foam pads allow for optimal shoulder and neck comfort
- Additional adjustable strap and abdominal strap for patient comfort and ease of use



#### Clavicular Straps Figur PDAC APPROVED L3650

Recommended for: The treatment of collarbone with or without displacement.

#### **Features**

- Trimmable straps accommodate patient's size
- Articulating buckles provide anatomical and custom fit for each patient
- · Dorsal foam anchoring pad provides optimal comfort
- Universal left or right



ylactic use / chronic elbow injuries / mild to moderate soft tissue injuries / the treatment of stable fractures / postoperative use.

- Universal left or right
- Moldable metal cuffs
- Anti-migration/antimicrobial pads
- Adjustable range-of-motion (ROM)
- Reversible strapping pattern

re 8	Functional Elbow PDAC APPROVED L3760
fractures,	Recommended for: Functional prophy

**Features** 

- · Removable medial condylar suspension wedge



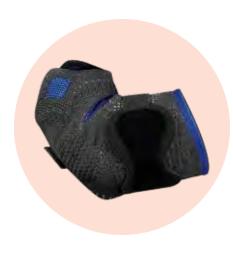
Measure elbow crease to the MP crease

#### Measurement

Underarm width greater than 13 1/2"



Size	Elbow Circumference
SM	9 3/4 - 11 1/4"
MD	11 1/4 - 12 3/4"
LG	12 3/4 - 14 1/4"
XL	+14 1/4"



#### Silistab Epi PDAC APPROVED L4466

Recommended for: Insertion epicondylitis (tennis elbow) / epitrochleitis (functional treatment) to prevent against future occurrences and give active support for sports activities and manual work situations.

#### **Features**

- Dimpled silicone elbow pad inserts massage during motion
- Provides support and compression
- Removable strap allows for additional compression
- Anatomically shaped elastic knit for optimal elbow crease comfort
- Patented pull tabs for easy application and removal



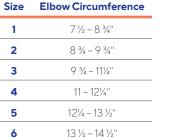
### **Epi-Med**

Recommended for: Medial epicondylitis (golfer's elbow) /lateral epicondylitis (tennis elbow) / tendinopathy (inflammation of the tendon attachments) in the elbow.

#### **Features**

- Comfortable arm band that provides dual targeted pressure on inflamed tendons
- Easy adjustment with hook and loop fastening tabs

11 - 11 3/4" 121/4 - 13 1/2"



	Size	Elbow Circumference
\ /	XS	8 3/4 - 9 "
din minimum	SM	9 1/2 - 9 3/4"
	MD	101/4 - 10 3/4"
P. deline	LG	11 – 11 ¾"
THE PARTY OF THE P	ΧI	121/4 = 13 1/4"

Knee





# Ligaflex® Action PDAC APPROVED A4467

**Recommended for:** General weakness / postoperative conditions / post-traumatic conditions / sprained wrist / wrist tendinitis/weaken or torn TFCC ligaments/wrist instability.

#### **Features**

- Anatomically designed with Thuasne's exclusive knit technology
- Silicone insert for comfortable protection of the ulnar condyle
- Smooth non-abrasive seams
- · Adjustable pressure with removable, elastic form fitting straps
- · Removable palmar splint for more active movement

# Ligaflex® Pro PDAC APPROVED L3908

**Recommended for:** Light to moderate sprains / ligament or tendon related injury/trauma / osteo-neural injuries / wrist tendinitis / Carpal Tunnel Syndrome / Carpal Tunnel without surgery / postoperative immobilization.

#### **Features**

- Anatomical, conformable splint that supports the palm of the hand
- Lightweight and breathable micro-aerated 3D fabric
- Easy-to-use Quick Lacing System
- Universal left or right

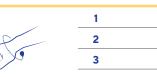
# Ligaflex® Pro+ PDAC APPROVED L3807/L3809

Recommended for: Wrist sprains / thumb sprains / scaphoid fractures / tendinitis and tendon disorders of the wrist / thumb tendon disorders / inflammatory phases of rheumatic diseases / chronic post-traumatic or post-operative irritations /arthritis/wrist osteoarthritis.

#### **Features**

- Anatomical, conformable splint that supports the palm of the hand
- Lightweight and breathable micro-aerated 3D fabric
- Thumb spica for additional support
- Easy-to-use Quick Lacing System
- Available in left or right

Wrist Circumference	 Size	Wrist Circumference
5 ½ - 6"	1	5 - 6 3/4"
6-61/2"		
6 1/2 - 6 3/4"	2	6 3/4 - 9"
6 3/4 - 7"		
7 – 7 ½"		



5 - 6" 7 - 7 3/4" 8 - 9"

Wrist Circumference

**Shoulder & Elbow** 

7 1/2 - 8"

**Hand & Wrist** 

**O&P Textile** 

Foot & Ankle

**Custom Specialty Orthoses** 



# Dynastab Dual RECOMMENDED L-CODE L3908

Recommended for: Mild sprains of the wrist (functional treatment) / tendinitis and tendon disorders of the wrist / inflammatory phases of rheumatic diseases.

#### **Features**

- Anatomical palmer stay provides wrist support
- Antibacterial-treated 3D knit for effective moisture wicking
- Additional strap for extra stabilization
- Universal left or right



# Ligaflex® Rhizo PDAC APPROVED L3923 / L3924

Recommended for: Light to moderate sprains / ligament and tendon related trauma / rhiartrosis / osteo-neural injuries / immobilization of the thumb.

#### Features

- Patented wire thumb frame for immobilization of the thumb joint
- Opening at the thumb column to prevent pressure on sensitive anatomy
- Antibacterial-treated 3D knit for effective moisture wicking
- Particularly suitable for basal thumb arthritis
- Available in left or right



# Ligaflex® Classic Open PDAC APPROVED L3908

Recommended for: Light to moderate sprains / ligament or tendon related injury/trauma / osteo-neural injuries / wrist tendinitis / Carpal Tunnel Syndrome / Carpal Tunnel without surgery / postoperative immobilization.

#### **Features**

- Fully opens to accommodate swelling and allows for easy application and removal
- Conformable and X-ray friendly, radio-transparent stay in the palm region
- Available in left or right

	0	3 1/2 - 4 3/4"
	1	5 - 61/4"
	2	6 ½ - 7 ¾"
	3	7 3/, _ 0"

Wrist Circumference





Size	Wrist Circumference
0	3 ½ - 4 3/4"
1	5 - 6 3/4"
2	6 3/4 - 9"



#### Ligaflex® Manu RECOMMENDED L-CODE L3807

Recommended for: Mild sprains of the wrist (functional treatment) / following carpal tunnel interventions / tendinitis and tendon pathologies of the wrist / painful sequelae of injuries / mild sprains of the thumb / resumption of activities after Pouteau Colles distal radius fractures.

#### **Features**

- Conformable and X-ray friendly, radio-transparent stays in the palm and thumb region
- Lightweight and comfortable antibacterial-treated 3D knit for effective moisture wicking
- 2 in 1 strapping for auto adjustment and support
- Available in left or right





#### Ligaflex® Finger RECOMMENDED L-CODE L3923 / L3924

Recommended for: Long finger injuries such as sprains / dislocations / fractures (functional treatment or post-surgical support).

#### **Features**

- Four straps, two fixed and two removable, for optimized support and fit
- Wrist strap with anatomical shape to improve comfort during wear
- Curved stay covers and protects the finger while four straps stabilize the brace
- Rigidity for strict immobilization from the wrist up to the finger
- Adaptability to fit the patient's wrist, hand, and finger angulation
- Two stay positions: palmar or dorsal for optimum immobilization
- Machine washable

	Size	rip or injured Finger
	1	< 5"
	2	5 - 61/4"
	3	61/4 - 7 1/2"
	4	7 ½ - 8 ¾"

Knee

Tip of Injured Finger



# Ligaflex® Boxer PDAC APPROVED L3807/L3809

Recommended for: Non-displaced 4th and 5th metacarpal fracture, postoperative 4th and 5th metacarpal support / use following strict plaster cast immobilization.

#### Features

- 3D inner breathable fabric for day-to-day comfortable wear
- Finger fabric separator to protect the immobilized finger
- Two shapeable rigid stays for a strict immobilization from the wrist to the finger
- Palmar and dorsal stays for optimum immobilization
  Full opening for easier application and positioning
- Convenient buckle loop tightening system
- Machine washable

JILC	Wilst Olicalineren
1	5 - 5 3/4"
2	6-63/4"
3	7 - 7 3/4"
4	8 - 9"



### Rebel Reliever®

PDAC APPROVED L1845 FOR THREE-MEASUREMENTS
PDAC APPROVED L1852 OFF-THE-SHELF
PDAC APPROVE L1846 CUSTOM TO CAST/SCAN

Clinically proven to reduce pain and instability while improving walking capacity, muscle function and quality of life. The Rebel Reliever's patented LoadShifter mechanism and tool-less SnapLock technology gives patients power over their OA with the ability to increase corrective pressure for greater pain relief when they need it the most.

Recommended for: Moderate to severe medial or lateral osteoarthritis / as well as patients who have OA in combination with ligament instability.

#### **Features**

- Rigid aircraft grade aluminum frame
- Patented adjustable Dual LoadShifters
- Thuasne's patented TM5+ hinge
- Exclusive Synergistic Suspension Strap
- Rotation control tibial shell contour

#### **Options**

- Tibial shell length 6", 7" or 8"
- Compression/Suspension anti-migration package
- Anti-migration strap padding
- PCL strap
- Flexion stop kit (extension stop kit included)
- Powdercoat finish in a variety of colors

#### Ordering Methods

- OTS sizing
- Custom fit from three-measurements
- Custom from a cast or digital leg scan



	Size	A	В	C
	XS	12 ½ - 15 ½"	3 - 3 ½"	11 – 12 ½"
	SM	15 ½ – 18 ½"	3 ½ - 4"	12 1/4 - 13 3/4"
	MD	18 ½ – 21"	4 - 4 1/2"	13 ¼ - 15"
B	LG	21 - 23 ½"	4 ½ - 5"	14 ¼ - 15 ¾"
و الماع	XL	23 ½ - 25"	5 - 5 ½"	15 – 17"
	2XL	25 - 28"	5 ½ - 6"	17 – 19"
	3XL*	28 - 31"	6 - 6 1/2"	19 – 21"

- A Circumference of the leg 6" above the knee
- **B** The width of the knee at M-L
- **G** Circumference of the leg 6" below the knee

Knee

3XL\* - Rebel Pro 14" only



#### **Strap Replacement Tabs**

Now clinicians or patients can easily replace brace strapping at home or in the office.



#### **Segmented Interior Padding**

Easily trim or modify interior shell padding for a customized and intimate fit.



**Quick Release Clips\*** 

No need to fasten and unfasten straps, set your sizing once and use the clips for quick donning and doffing.

Knee

specialized knits.

Custom and off-the-shelf bracing

featuring Thuasne's patented

motion hinge technology and

#### UniReliever PDAC APPROVED L1843 / L1851

Powerful OA correction in a brace that's Lightweight, flexible, and easy to wear. The UniReliever from Thuasne is the universal OA bracing solution that's offering targeted relief and personalized fit, with trusted Thuasne hinge technology.

Featuring correction targets and individualized force offloading, the cross strap system with BOA dial technology makes it easy for patients to control their correction for greater pain relief.

**Recommended for:** Conditions requiring mild to moderate osteoarthritis uni-compartmental offloading / meniscal cartilage repair / avascular necrosis / varus and valgus instability.

#### **Features**

- · Consolidated cross strapping system with buttress designed to alleviate OA through even load disbursement
- Thuasne motion hinge technology with range of motion control
- Flexible open cuffs for a comfortable and breathable fit
- Antimicrobial and anti-migration padding with non-slip silicone webbing
- Formable uprights and trimmable straps
- BOA® fit system for precise force adjustment

• Universal sizing, left or right



#### **Rebel Series Braces**

PDAC APPROVED L1845 FOR THREE-MEASUREMENTS PDAC APPROVED L1852 OFF-THE-SHELF PDAC APPROVED L1846 CUSTOM TO CAST/ SCAN

The ultimate solution for recovery and protection, the Rebel Series line of knee braces combines high-grade aluminum with Thuasne's trusted core technologies. Featuring the patented TM5+ hinge, shell options ranging in strength and size, suspension technology, rotation control and a three-measurement custom fit, the Rebel Series is the perfect choice for a variety of patients and activity levels.

**Recommended for:** Ligament injuries and/or reconstructive knee surgery.

#### **Features**

- Rigid aircraft grade aluminum frame
- Thuasne's patented TM5+ hinges
- Exclusive Synergistic Suspension Strap
- · Rotation control tibial shell contour

#### **Options**

- · Available in three different frames
- > Rebel Lite (lowest weight, less rigid) 13" only
- > Rebel (ideal for most patients)
- > Rebel Pro (heavy users and contact sports)
- Anti-migration strap padding
- ACL or combined instabilities
- 6", 7", or 8" lower; 7" or 8" upper
- Compression/Suspension anti-migration package\*
- Flexion stop kit (extension stop kit included)
- Powdercoat finish in a variety of colors

#### Ordering Methods

- OTS sizina
- Custom fit from three-measurements
- Custom from a cast or digital leg scan



Size	A	В	C
XS	12 ½ – 15 ½"	3 - 3 ½"	11 - 12 ½"
SM	15 ½ – 18 ½"	3 ½ - 4"	12 1/4 - 13 3/4"
MD	18 ½ – 21"	4 - 4 1/2"	13 ¼ - 15"
LG	21 – 23 ½"	4 ½ - 5"	14 1/4 - 15 3/4"
XL	23 ½ - 25"	5 - 5 ½"	15 – 17"
2XL	25 – 28"	5 ½ - 6"	17 – 19"
3XL*	28 - 31"	6-61/2"	19 – 21"



- A Circumference of the leg 6" above the knee
  - **B** The width of the knee at M-L
  - G Circumference of the leg 6" below the knee
- 3XL\* Rebel Pro 14" only

**Anti-migration Technology** 



Suspension Strap



\*Optional C/S Package (Compression/Suspension) Synergistic

**O&P Textile** 



# Select Reliever PDAC APPROVED L1843 / L1851

Give your patients the osteoarthritis relief they need with the Select Reliever from Thuasne. Improve patient compliance and manage inventory with this low profile, universal design perfect for medial and lateral OA.

#### **Features**

- Lightweight, low-profile, single upright OA brace.
- Quick release buckle system for easy-on and easy-off eliminates need for strap adjustments with every use
- Maximized 3 points of leverage for medial compartment
- Specially designed to correct medial and lateral OA with a lateral frame application
- Lateral uprights avoid opposite limb during gate, increasing comfort and patient compliance



# Rebel® 3D PDAC APPROVED L1846

#### **Ligament Knee Orthosis**

Lightweight, cutting edge, and truly custom support for ligament injuries or following reconstructive knee surgery.\*

#### **OA Knee Orthosis**

Provides comfortable offloading and pain relief for mild to moderate medial or lateral unicompartmental osteoarthritis

#### **Features**

- 3D Printed custom ultralight knee brace weighs less than a 1 lb.
- Latest 3D scanning technology provides a precise and intimate fit
- Multiple frame thickness and length options
- BOA fit system allows patient to achieve perfect fit and support while enhancing suspension
- Not recommended for severe medial or lateral OA or extreme varus/valgus angles

\*Not recommended for impact sports, 350lb weight limit.



#### RebelLock

PDAC APPROVED L1845 / L1852

**Recommended for:** Severe instabilities requiring a locking orthosis.

#### **Features**

- Exclusive Synergistic Suspension Strap
- Anti-migration strap padding
- Anti-rotation tibial shell
- Compression/Suspension Package

#### **Options**

- 14", 15", and 16" shell length
- Locking position can be set at 0° or 5°
- Flexion stops at 30°, 60°, or 90°
- Extension assist
- Powdercoat finish in a variety of colors

#### Ordering Method

- Custom fit from three-measurements
- · Custom from a cast or digital leg scan



# SpryStep® Ligament PDAC APPROVED L1846 / L2755 / L2755

Recommended for: Ligament injuries and/or reconstructive knee surgery or prophylactic use.

#### **Features**

- Thuasne's patented TM5+ hinge
- Exclusive Synergistic Suspension Strap
- Rotation control tibial shell contour
- Greater shell-to-skin contact for maximum control (Full Shell Design)

#### **Options**

- ACL or combined instabilities
- 12", 13", 14", 15", and 16" shell length
- Open or full shell style design
- Hinge material aluminum or stainless
- Compression/Suspension anti-migration package
- Flexion stop kit (extension stop kit included)

#### Sizing

Custom from a digital scan



# SpryStep® OA PDAC APPROVED L1846 / L2755 / L2755

Recommended for: Moderate to severe medial or lateral osteoarthritis as well as patients who have OA in combination with ligament instability.

#### **Features**

- Patented adjustable Dual LoadShifters
- Thuasne's patented TM5+ hinge
- Exclusive Synergistic Suspension Strap
- Rotation control tibial shell
- Greater shell-to-skin contact for maximum control (Full Shell Design)

#### **Options**

- Lengths 12", 13", 14",15", and 16"
- Compression/Suspension anti-migration package
- Flexion stop kit (extension stop kit included)

#### Sizing

Custom from a digital scan



# SpryStep® Neuro PDAC APPROVED L1846 / L2755 / L2755

Recommended for: Severe instabilities or hyperextension that require a locking or heavy-duty hinge orthosis.

#### **Features**

 Multiple shell configurations, a variety of joint options and different levels of stiffness and rigidity.

#### **Options**

- FullShell design: for better suspension and stabilization with tissue control
- Anterior or posterior shell configurations from various length; 3 levels of stiffness for more depending patients (ex: impact sports)
- C/S package: paring of semi-rigid sub-shells joined by anterior and posterior straps to improve brace's suspension(NB: not available on Full-Shell)
- Compression/Suspension anti-migration package
- Extension assist

#### Sizing

Custom from a digital scan

25 | Thuasne

Spine Shoulder & Elbow Hand & Wrist Knee O&P Textile Foot & Ankle Custom Specialty Orthoses



C/S Wrap PDAC Suggested L2397 One Size Fits All

- Improves brace suspension
- Reduces migration
- Limits rotation
- Prevents chafing or irritation



**Neoprene Under Sleeve** PDAC Suggested L2397 Sizing: XS, S, M, L, XL, 2XL

- Eliminates chafing
- Reduces chance of skin irritation
- Improves tissue containment
- Increases comfort



The Spooner PDAC Suggested L2800 / L2795 One Size Fits All

- Controls patella instabilities
- Ensures proper brace alignment
- Soft universal J-shaped patella buttress
- Easily retrofits to most Thuasne rigid knee braces



**Under Sleeve (18 & 22")** PDAC Suggested L2397 Sizing: XS, S, M, L, XL, 2XL

- Cotton material
- Eliminates chafing
- Reduces chance of skin irritation
- Improves tissue containment and compression
- Increases comfort



**Sports Cover** Sizing: SM/MD, LG/XL

- Padding protects frame and hinge during activities
- Suitable for team or contact sports
- Keeps hinges clear of dirt and debris
- Polyester material ensures a snug fit over brace



X-treme Guard PDAC Suggested L2795 Sizing: Universal

- Recommended for motor sport activities or high-impact activities
- Shock absorbing
- Soft interior padding designed for comfort
- Modular design compatible with most Thuasne rigid knee braces



### ROM-R

#### PDAC APPROVED CODE L1832 / L1833

Recommended for: Patients who require post-operative fixation and/or range of motion control for post-injury stabilization.

#### **Features**

- ROM hinges with drop locks and tool-free adjustable flexion and extension settings
- Sturdy aluminum struts with extendable ends that telescope from 19" to 26" in ½" increments
- Comfortable and lightweight
- Malleable paddles with individual cool pads can be contoured to the leg to achieve an intimate fit, increase stabilization and improve brace suspension
- Universal size, no measurement required
- Easy to adjust

#### **Options**

• Full shell pads available



#### **ROM LX**

#### RECOMMENDED L-CODE L1832 / L1833

**Recommended for:** Patients who require post-operative fixation and/or range of motion control for post-injury stabilization.

#### **Features**

- ROM hinges with tool-free adjustable drop locks that can be engaged at all increments
- Simple flexion and extension pull pin system that engages in 10° increments
- Aluminum struts with ease-of-use telescoping ends that allow simple height adjustment ranging from 17 1/4" - 26 1/2" in 1/16" increments
- Malleable paddles with individual cool pads that can be contoured to the leg to achieve an intimate fit, increase stabilization, and improve brace suspension
- Universal size, no measurement required

Knee



# **SafeLimb**

#### **RECOMMENDED L-CODE L5450**

Recommended for: Post-operative Below Knee Amputation (BKA) patients. Offers limb protection after transtibial amputation. Prevention of knee flexion contracture following transtibial amoutation.

#### **Features**

- Unique design, materials and adaptability enhances fit, suspension and patient compliance
- High density distal foam pad provides protection to the residual limb
- Length and contour of the medial/lateral bars can be adjusted to fit patient
- Anterior opening and anterior straps for ease of application
- Unique "SupraPatellar Strap" prevents migration
- Lightweight and breathable structure

	Size	Circumference 6" Mid Patella
\ <u>                                    </u>	SM	14 – 18 ¾"
	MD	18 3/4 - 20 3/4"
1/\	LG	20 ¾ - 24 ¾"
	XL	24 ¾ - 29 ½"
$I \setminus I$	281	29 - 34"



- 20 ¾" - 24 3/4" 29 1/2" 29 - 34"

27 | Thuasne



# GenuStart PDAC APPROVED L1820

Recommended for: Functional treatment of the knee before or after surgery / rehabilitation following mild to moderate sprains of the cruciate and/or collateral ligaments / knee ligament injuries or ruptures / instability of the knee joint.

#### **Features**

- Easy to fit, adjust and adapt with sleeve or wrap styling, available in short and long lengths
- Thuasne's patented TM5+ or TM5 hinge
- Open patella buttress for increased stability and support

#### **Ordering Methods**

OTS sizing

	Size	A	В	C
	XS	13 - 15 ½"	12 - 13"	10 - 12"
\	SM	15 ¼ - 18 ½"	13 - 14"	12 - 14"
	MD	18 ½ - 21"	14 - 15"	14 - 16
B	LG	21 - 23 ½"	15 - 17"	16 - 18"
z / \ \ 3	XL	23 ½ - 26 ½"	17 - 19"	18 - 20"
+C	2XL	26 ½ - 29 ½"	19 - 21	20 - 22"
	3XL	29 ½ - 32"	21 - 23"	22 - 24"

- A Circumference of the leg 6" above the knee
- B Knee Circumference
- G Circumference of the leg 6" below the knee



# GenuStart ROM PDAC APPROVED L1832/L1833

Recommended for: Functional treatment of the knee before or after surgery / rehabilitation following mild to moderate sprains of the cruciate and/or collateral ligaments / knee ligament injuries or ruptures / instability of the knee joint.

#### **Features**

- Easy to fit, adjust and adapt with sleeve or wrap styling, available in short and long lengths
- Thuasne's patented TM5+ or TM5 hinge
- Open patella buttress for increased stability and support

#### **Ordering Methods**

OTS sizing

	Size	A	В	C
	XS	13 - 15 ½"	12 - 13"	10 - 12"
\	SM	15 ¼ - 18 ½"	13 - 14"	12 - 14"
A	MD	18 ½ - 21"	14 - 15"	14 - 16
B	LG	21 - 23 ½"	15 - 17"	16 - 18"
z M 3	XL	23 ½ - 26 ½"	17 - 19"	18 - 20"
+0+	2XL	26 ½ - 29 ½"	19 - 21	20 - 22"
	3XL	29 ½ - 32"	21 - 23"	22 - 24"

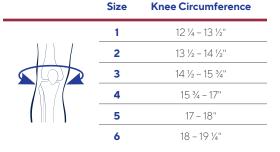
- A Circumference of the leg 6" above the knee
- B Knee Circumference
- **G** Circumference of the leg 6" below the knee



# Patella Reliever

Recommended for: Patello-femoral pain syndrome / lateral patellar subluxation / lateral patellar dislocations / patello-femoral arthritis / lateral patellar compression syndrome

- Medical grade compression
- Crescent shaped patella insert with lateral tracking system
- Distal strap for improved suspension
- Patented integrated antislip silicone knitting in the upper thigh
- Available in left and right





# Action Reliever PDAC APPROVED L1843 / L1851

Recommended for: Mild to moderate medial or lateral osteoarthritis / simple application for active patients looking for a slim and comfortable OA bracing solution.

#### **Features**

- Inflammation-reducing compression and alignment-enhancing stabilization
- Three-point strapping system relieves pain and increases mobility
- Ultra-low-profile fit disappears under clothing

#### **Options**

Medial or lateral OA

	Size	A	В
	1	15 - 16 1/4"	11 - 12 1/4"
\	2	16 1/4 - 17 3/4"	12 ¼ - 13 ¾"
A	3	17 ¾ – 19"	13 ¾ - 15"
	4	19 - 20 ½"	15 - 16 ½"
167/	5	20 - 21 ½"	16 ½ - 17 ½"
د ( 🖺 ع	6	21 - 22 ½"	17 ½ – 18 ½"
B	7	22 - 24"	18 ½ - 20"
	8	24 - 26 ½"	20 - 21 1/4"

**Shoulder & Elbow** 

- A Circumference of the leg 5 ½" above the knee
- **B** Circumference of the leg 4 ¾" below the knee



# Genu Dynastab PDAC APPROVED L1810

Recommended for: Functional treatment of mild sprains and the resumption of sports activities after a sprain (mild, moderate, or severe).

- Dual hinge design provides stability
- Semi-rigid strapping gives extra support and prevents migration
- Patented pull tabs for easy application and removal

Knee Circumference

12 1/2 - 13 3/4"

13 ¾ - 15"

15 - 16 1/2"

16 ½ - 18"

18 - 19 1/2"

19 ½ - 21"

Universal left or right



# Genu Ligaflex PDAC APPROVED L1820

**Recommended for:** Resumption of non-contact sports and regular daily activities after mild or moderate knee injuries.

#### **Features**

- Anterior wrap closure model: easy to fit with speed clips
- Hyper-flexible knitted areas in the popliteal crease and proximal edge
- Thuasne's patented TM5 hinge technology
- Dual tab calf strap improves suspension

	1	14 ¾ - 17 ¼"	11 ¾ – 13 1
	2	16 - 18 1/4"	13 – 14 ½
\	3	17 1/4 - 19 3/4"	14 ½ -16
	3+	19 - 21 1/4"	14 ½ – 16
	4	19 - 21 1/4"	16 - 17 1/2
	4+	20 ½ - 22 ¾"	16 - 17 1/2
e ( [ ] 3	5	20 ½ - 22 ¾"	17 ½ –19
B	5+	22 - 24 ½"	17 ½ – 19
	6	22 - 24 ½"	19 - 20 3
	6+	23 ½ - 26"	19 - 20 3

- A Circumference of the leg 5" above the knee
- **B** Circumference of the leg 5 ½" below the knee





#### Genu Ligaflex® ROM PDAC APPROVED L1832 / L1833

Recommended for: Mild to moderate ligament injuries and instabilities / early stage OA / meniscus injuries and postoperative meniscal repairs.

#### **Features**

- 16" length with anterior closure
- Medical grade compression
- Easy-to-use hook and loop tabs
- Low-profile tension buckles
- TM5+ hinge that replicates the natural movement of the knee



#### Silistab Genu PDAC APPROVED A4467

**Recommended for:** Maintenance / compression and support of the knee after mild or moderate knee strains or sprains.

- Medical grade compression
- Patented silicone patella insert provides kneecap support and protects the patella tendon
- Breathable cotton fabric integrated posteriorly
- Flexible lateral stays give additional reinforcement



# Ligastrap Genu PDAC APPROVED A4466

**Recommended for:** Maintenance, compression and support of the knee after mild or moderate knee strains or sprains.

- Medical grade compression
- Numbered figure eight strapping delivers extra stabilization
- · Anatomically shaped elastic knit for optimal thigh, calf, and popliteal comfort
- Patented pull tabs for easy application and removal
- Universal left or right

	Size	Knee Circumference
	1	12 ½ – 13 ¾"
	2	13 ¾ - 15"
	3	15 - 16 ½"
	4	16 ½ – 18"
	5	18 – 19 ½"
	6	19 ½ – 21"

	3126	Kilee Circumierence
	1	12 ½ – 13 ¾"
1/\ /	2	13 ¾ - 15"
	3	15 - 16 ½"
	4	16 ½ – 18"
	5	18 – 19 ½"
	6	19 ½ – 21"

	Jize	Kilee Circumference
	1	12 ½ - 13 ¾"
1/\ /	2	13 ¾ – 15"
	3	15 - 16 ½"
	4	16 ½ – 18"
	5	18 – 19 ½"
	6	19 ½ – 21"



#### Genuextrem PDAC APPROVED A4467

**Recommended for:** Maintenance, compression and support of the knee after mild or moderate knee strains or sprains.

- Medical grade compression
- Flexible lateral stays for additional reinforcement
- · Anatomically shaped elastic knit for optimal thigh, calf, and popliteal comfort
- Lateral silicone anti-slip system for better hold
- Patented pull tabs for easy application and removal
- Universal left or right

	Size	Knee Circumference
	1	12 ½ - 13 ¾"
	2	13 ¾ - 15"
	3	15 - 16 ½"
	4	16 ½ – 18"
	5	18 – 19 ½"
	6	19 ½ – 21"

Knee

Foot & Ankle



# **O&P Textiles**

For more than 100 years Knit-Rite has been helping patients across the globe to become and stay mobile throughout their lives with innovative orthotic and prosthetic interfaces.







Original Soft-Sock® is the premium in prosthetic socks, knitted with multi-directional stretch which provides a better fit and more comfort for more · Antimicrobial and inhibits odor patients in fewer sizes.

#### **Features**

Soft-Sock®

- Soft and cuddly fine knit provides comfort and longevity
- Non-roll top, looks great and eliminates bunching
- Knit-in reinforced distal "eye-hole"
- Seamless three-dimensional, rounded toe
- Stretches and recovers to conform to limb

#### **Properties**

- White and Black Polyester, Ionic+® Silver Grey
- Moisture-wicking properties
- Lightweight, 3, 5, 6-ply
- Hole-in-toe and closed-toe styles
- Child/X-Short X-Wide/Medium
- Individual and Multi-Packs of 12

#### Available

- Prosthetic Soft Socks
- Shorty Soft Socks
- Proximal Soft Socks
- Symes Soft Socks
- Partial Foot Soft Socks
- Hip Disarticulation Soft Socks



**Shorty Sock** 



**Proximal Sock** 

33 | Thuasne

Shoulder & Elbow

**Hand & Wrist** 

Knee

**O&P Textile** 

Foot & Ankle **Custom Specialty Orthoses** 



### Super Sock®

Super Sock® is the original 100% virgin wool sock.

#### **Features**

- · Wool makes it durable and reliable
- Spring-like feel and limited stretch to control volume
- Wool fibers prevent sock from shrinking

#### **Properties**

- 100% virgin wool
- Inhibits odor
- Moisture-wicking properties
- 3-ply, 5-ply
- Hole-in-toe and closed-toe styles
- Sizes 0-3



#### X-Wool®

X-Wool® Socks are made from virgin wool and Ionic+®. The yarn makeup provides the product name because they are considered "extreme" wool.

#### **Features**

- Thermodynamic properties help keep the wearer cooler in the summer and warmer in the winter
- Extra cushioning ideal for shock absorption
- High stretch to contour to the limb
- Fleeced lining for added softness

#### **Properties**

- Virgin wool and Ionic+®
- Antimicrobial and inhibits odor
- Moisture-wicking properties
- 3-ply, 5-ply, 6-ply
- Hole-in-toe and closed-toe styles
- Narrow X-Short X-Wide Medium



#### **S3**<sup>™</sup>

The S3 Prosthetic Sock<sup>™</sup> is designed to give patients a standard prosthetic sock with soft acrylic yarns as a lower-cost alternative to other prosthetic socks on the market.

#### **Features**

- Fine knit provides comfort and longevity
- Three-dimensional, rounded toe
- Easy to fit sizes
- Stretches and recovers to conform to limb
- All sizes and variations are the same price for 3 each per pack

#### **Properties**

- Acrylic and Spandex
- Inhibits odor
- Moisture-wicking properties
- Lightweight, 3-ply, 5-ply
- Hole-in-toe and closed-toe styles
- Narrow Short X-Wide Medium
- Three per package



### Liner-Liner®

Liner-Liner® is the elite product for skin protection.

#### **Features**

- · Designed to be worn next to the skin with most liner socket systems
- Relieves skin shear irritations
- Ultra-thin material minimizes compromise to liner's suction grip on the skin
- Ultra-soft material improves comfort with liner
- High stretch for excellent fitting qualities

#### **Properties**

- Ionic+® and LYCRA®
- Antimicrobial and inhibits odor
- Moisture-wicking properties
- 1-ply
- Closed-toe style
- Narrow X-Short Wide Medium



# **Spacer Socks**

The Stretch Spacer Fitting Socks are designed to provide the wearer with a 1-ply volume management sock.

#### **Features**

- Soft blended cotton/polyester fabric is comfortable and absorbent
- Used for those with minimal volume changes
- Available in straight top and turn-down cuff styles
- · Smooth surface makes socks ideal for casting and computer modeling

#### **Properties**

- Cotton and LYCRA®
- Inhibits odor
- 1-ply
- Hole-in-toe and closed-toe styles
- Narrow Short X-Wide
- Six per package



### **Prosthetic Sheaths**

Prosthetic Sheaths control friction, adjust fit, and aid in skin care.

#### **Features**

- Available in silver with lonic+®, white, and dusk
- Aids in thermoconsistency
- Worn as a aid to assist in donning and doffing the prosthesis

#### **Properties**

- LYCRA®, Nylon, and Ionic+®
- Antimicrobial and inhibits odor
- Moisture-wicking properties
- Less than 1-ply
- Hole-in-toe and closed-toe styles
- Narrow X-Short Wide Medium
- 2 or 6 per package

#### Available

- Super Stretch Sheaths
- Silver Sheaths with Ionic+®
- Original Prosthetic Sheaths

35 | Thuasne

**Shoulder & Elbow** 

**Hand & Wrist** 

Knee

**O&P Textile** 

Foot & Ankle

**Custom Specialty Orthoses** 



# Compressogrip® B/K & A/K Shrinker

The Compressogrip® prosthetic shrinker is used for control or prevention of edema following amputation surgery and for limb volumetric maintenance.

#### **Features**

- Multi-directional stretch for improved fitting qualities
- Single layer provides medium compression, double layer provides heavy compression at 50% stretch
- Tubular design with bone ring helps determine desired length
- Efficacy clinically tested
- B/K: Reduced rolling and bunching behind the knee caused by too much compression above the knee
- A/K: Fabric is circular knit with increased power in the elastic, producing a heavier fabric than B/K Compressogrip shrinkers

#### **Properties**

- White and Beige Polyester/Spandex, and Grey Polyester/Spandex and Ionic+®
- · Antimicrobial and inhibits odor
- Moisture-wicking properties
- Latex free
- B/K: 2-6, A/K: X-Small-X-Large

#### **Available**

- $\bullet \ \ A/K \ Compressogrip \ Shrinker \ with \ Hip \ attachment$
- B/K Tubular Compressogrip Shrinker
- B/K Tapered Compressogrip Shrinker

#### 37 | Thuasne







# Compressogrip® Tubular Bandages

Proven effective for edema reduction and management interim control of hypertrophic scarring following burn surgery, dressing and monitoring device retention.

#### **Features**

- Can be cut to desired size
- Sold in 11-yard rolls
- Single layer provides medium compression, double layer provides heavy compression at 50% stretch

#### **Properties**

- White, Beige and Black Polyester/Spandex, and Grey Polyester/Spandex and Ionic+®
- Latex free

# Compressogrip® Sleeve

A unique elastic tubular bandage for wrists, elbows, arms, ankles, knees, legs, and the torso that applies support and comfort and can be worn under orthotic devices.

#### Features

 Finished edges permit washing and reuse without fraying or raveling

#### **Properties**

- Black Polyester/Spandex
- Latex free

### **Shrinker Donning Tube**

The essential tool for application of shrinkers on a sensitive limb.

#### **Features**

- Ideal for physical and occupational therapist for training and reapplication of Compressogrip<sup>®</sup> or 4-Way shrinkers
- By loading the shrinker onto the tube and then sliding onto the limb, one person can apply compression pain free

#### **Properties**

Acrylic

• 6" or 8" lengths



# 4-Way Shrinker

The 4-Way Stretch Shrinker is used for control or prevention of edema following amputation surgery and for limb volumetric maintenance.

#### **Features**

- Rounded toe with stretchy Polyester/LYCRA® Core-Spun yarns
- Silicone dot suspension band
- Available in medium and heavy compression
- Multi-directional stretch provides improved fit qualities and comfort
- Softer, more comfortable and easier to don

#### **Properties**

- White Polyester/LYCRA® and Black Polyester/ LYCRA® and Ionic+®
- Antimicrobial and inhibits odor
- Moisture-wicking properties
- Lightweight
- Sizes 0-6

#### Available

- A/K 4-Way Shrinker with Hip attachment
- A/K 4-Way Shrinker without Hip attachment
- B/K 4-Way Shrinker



# Original Unsterilized A/K and B/K Post-Op Socks

The Post-Op Socks cover post-operative dressing for amputees immediately following amputation.

#### **Features**

- Modified box toe
- Rolled for ease of application
- Packed in individual bags to provide a sanitary product post-operation
- Seamless

#### **Properties**

- Acrylic and LYCRA®
- Inhibits odor
- Moisture-wicking properties
- Lightweight
- Sizes B-3
- Packed in individual bags, four to a box

# Post-Op Dressing Retention Sock

The Post-Op Dressing Retention Sock with belt covers post-operative dressing for amputees immediately following amputation.

#### **Features**

- Very soft LYCRA® and polyester material provide very low compression
- Universal right or left belt system to maintain secure suspension
- Soft material prevents irritation or stress on sutures during donning
- Can be used in combination with removable rigid dressing
- Does not compromise peripheral circulation in marginal bypass vascular grafts

#### **Properties**

- LYCRA® and Polyester
- Inhibits odor
- Moisture-wicking properties
- Liahtweiaht
- 4"-8" width, and 28"-32" inches length









# **Cosmetic Stockings**

Cosmetic stockings are designed to be applied on the outside of a B/K or A/K prosthesis to create a smooth and consistent skin-tone look of an anatomical leg.

#### **Features**

- · Includes elasticized gripper cuff
- Available in three skin-tone colors

#### **Properties**

- 100% Nylon
- Less than 1-ply
- Sizes 0-4
- Sold in pairs

### A/K Brim Sheath

The A/K Brim Sheath is designed to separate and protect the soft tissue and the liner in the top brim of the socket.

#### **Features**

- Used to bridge the gap between the top edge of any roll-on liner and the groin
- For above knee amputees with all socket styles
- Stretchy, slick nylon material
- Constructed in two angled sections allowing the fabric to fit the high lateral and lower medial shape appropriately
- Includes gripper elastic to secure to outer socket

#### **Properties**

- Nylon
- Small X-Large

# Adjustable B/K Belt with Quick Release Clasp Fastener

Adjustable B/K Belt is primarily used for additional suspension and support of a below-knee prosthetic leg.

#### **Features**

- Features a full range of length adjustment from 29 to 46
- Reduce the necessity to stock a wide assortment of sizes
- 2 prosthetic webbing with 2 elastic anterior support strap
- 1 strap buckle

#### **Properties**

- Webbing band
- One size, left or right

# **COOL-FLEX™** Auxiliary Suspension Belt

Designed to allow stable wear of an A/K prosthesis in a more natural transverse orientation.

#### **Features**

- Breathable and durable COOL-FLEX™ material is cool, comfortable, and trimmable
- Patented dynamic material application is uniquely low profile
- Silicone sure-grip suspension band secures prosthesis in place
- Universal design for right or left application
- Non-allergenic

#### **Properties**

- COOL-FLEX™
- Moisture-wicking properties
- Small Large



Original Power Belt®
Suspension Belt With Hand Loop



Power Belt® Suspension Belt With Gunslinger Waist

# Power Belt Auxiliary Suspension Belt

Designed to allow stable wear of an A/K prosthesis in a more natural transverse orientation.

#### **Features**

- Breathable material is cool and comfortable
- Patented dynamic material application is uniquely low profile
- Available in three styles
- Belt extender available separately

#### **Properties**

- Nylon, Spandex, Polyester, and silicone.
   (1% rubber is leg elastic only)
- X-Small XX-Large

#### Available

 Original Power Belt with Suspension Belt with Hand Loop

Knee

- Power Belt Suspension Belt with Gunslinger Waist
- Power Belt Suspension Belt with Adjustable Waist and Leg

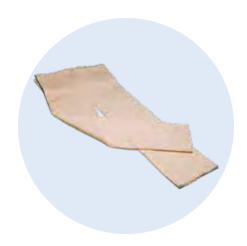


Power Belt® Suspension Belt With Adjustable Waist And Leg

**Hand & Wrist** 







# **Power Pull Donning Sock**

Power Pull Donning Sock is a prosthetic aid used by amputees with suction socket suspension systems to assist with donning their prosthetic leg.

#### **Features**

- Made of a slick supple fabric for easy donning
- · Single piece integral design provides a more direct and effective pull transfer
- Eliminates stress points for a more durable product

#### **Properties**

- Nylon
- · Small X-Large

#### **Foot Shell Sock**

Protective covering worn with prosthetic feet, particularly those with a foot shell.

#### **Features**

- Abrasion resistant
- Long wear resistance
- Reinforced heel and toe
- Shorter top and dark color for better appearance
- Helps reduce friction and noise within the foot shell

#### **Properties**

- Dyneema Core-Spun fibers and LYCRA®
- Medium or Large

# A/K Casting Pants

A/K Casting Pants are used to protect the skin to prevent irritation during casting and permits casting to the groin.

#### **Features**

- Made from a tubular stockinette, split and seamed to form a body section with two open end legs
- The distal end for the amputated side may be cut and sewn to proper length
- · Leg length is long enough for knee disarticulation amputations
- Over 150% stretch

#### **Properties**

- · 100% Cotton
- 6" 12" width



### **Standard Rib-Knit Stockinette**

Interface for the skin with a variety of use cases, including prosthetic and orthotic casting and postamputation bandage control.

#### **Features**

· Can be cut to desired length

#### **Properties**

- 100% Cotton
- 3" 6" width
- Boxed 25-yard roll

### **Value Line Rib-Knit Stockinette**

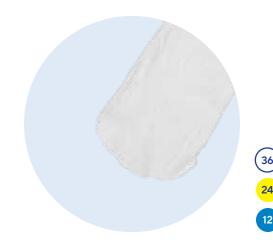
Interface for the skin with a variety of use cases, including prosthetic and orthotic casting and postamputation bandage control.

#### **Features**

- · Can be cut to desired length
- Thinner and stretchier than standard stockinette

#### **Properties**

- 100% Cotton
- 2" 12" width
- Boxed 25-yard roll



**Nyserts Vacuum** 

**Forming Hosiery** 

3½" - 4" unstretched width

• 100% stretch nylon

• 12", 24", and 36" lengths

**Features** 

**Properties** 

**Hand & Wrist** 

200/bag

Manufactured to provide vacuum facilitation during

thermoforming and laminating procedures.





# **Sheer Vacuum Forming Hosiery**

Manufactured to provide vacuum facilitation during thermoforming and laminating procedures.

#### **Features**

- Maximum stretch and sheerness
- More sheer than Nyserts
- Sewn toe

#### **Properties**

- 100% stretch nylon
- 20", 24", and 30" lengths
- 200/bag



#### **AFO and KAFO Socks**

Intended to be worn with an Ankle-Foot Orthosis or Knee-Ankle-Foot Orthosis.

# SmartKnit® Seamless Socks

SmartKnit® Seamless Socks are made using a patented knitting process much like how a cocoon is spun, starting at one point and spinning upward. This completely eliminates irritating seams, making them truly seamless.

#### **Features**

- No seams to rub on toes
- Uses high-stretch Core-Spun yarns that hug your feet and fit like a second layer of skin
- No wrinkles or bunching
- Soft and comfortable
- Non-binding Halo-Top that fits comfortably, minimizing indentations

#### **Properties**

- Polyester and LYCRA®
- Antimicrobial
- Moisture-wicking
- Lightweight
- Child-Adult
- Navy and Pink AFO and KAFO socks only available in child sizes



#### **Seamless Socks**

Recommended for people with diabetes, arthritis, or any condition where protection from irritation is important.



#### Walker Boot Socks

Offers unique protection specifically for the walking boot environment and associated longer wear times.



#### **SMO Socks**

Made to accommodate low profile bracing (Supra-Malleolar Orthosis, UCBL) by helping to reduce pressure and increase compliance.



#### **Big Toe Socks**

Made to accommodate AFO toe straps.



# **Cast-Rite**<sup>™</sup> **Fracture Cast Sock**

Can be used with most plaster and plastic casting materials.

#### **Features**

- Toe may be left closed for foot protection, or may be trimmed distally or proximally and folded back into plaster or other casting material, or extra length may be folded down over top of cast
- Core-Spun yarns help prevent wrinkles
- Full foot design
- Fleeced on the inside
- Knitted with heel for better fit

#### **Properties**

- Acrylic and LYCRA®
- Moisture-wicking properties
- 2-ply
- Closed-toe
- A/K and B/K



# **B/K Cast-Rite**<sup>™</sup> **Fracture Brace Sock**

Can be used with most plaster and plastic casting materials.

#### **Features**

- Open-toe design reduces bulk so that a shoe may be worn
- Gradual taper and heel pocket provide smooth fit
- Top and toe finishing

#### **Properties**

- Acrylic and LYCRA®
- Moisture-wicking properties
- 2-ply
- Open-toe
- B/K one size



### Cast-Rite<sup>™</sup> Humeral Sleeve

Can be used as an interface for the arm with a soft or hard cast.

#### **Features**

One size fits most

#### **Properties**

- Acrylic and LYCRA®
- Moisture-wicking properties
- 2-ply
- Open-ended
- One size

43 | Thuasne



### **Cast-Rite<sup>™</sup> Arm Sleeve**

A comfortable, moisture-wicking interface for casts or braces protects skin against irritation and abrasions.

#### **Features**

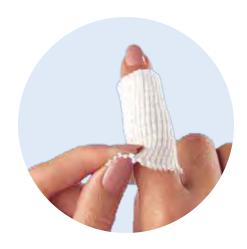
- One size fits most
- Includes thumb or thumbhole openings

#### **Properties**

- Acrylic and LYCRA®
- Moisture-wicking properties
- 1-ply
- Open-ended
- Child or adult sizes

#### Available

- With Thumb
- With Thumbhole



# 1-Inch Compression Bandage

1-inch compression bandage intended for digits.

#### **Features**

- Washable knitted three-dimensional material creates openness and increases healing
- Use as a single or double bandage for digits

#### **Properties**

- Nylon, Rayon, and Spandex
- Moisture-wicking properties
- 1-ply
- Open-ended
- 1" width
- Sold in 5-yard rolls



#### **Knee Interface**

Moisture-wicking garment, designed to be worn alone for medium compression support or protection under a knee orthotic device.

#### **Features**

- Multi-directional stretch moves with body during activity
- Applies medium compression
- Less bulky and better circulation than neoprene garment

#### **Properties**

- Polyester, Spandex, and Ionic+®
- Antimicrobial
- Moisture-wicking properties
- Lightweight
- 5" 9" width



# Original Torso Interface®

Designed to be used as an interface with all types of spinal orthoses and body jackets.

#### **Features**

- Seamless finishing provides improved skin protection, patient comfort, and aids in preventing skin breakdown
- Slightly heavier than a t-shirt
- Contoured, virtually wrinkle-free fit
- High stretch in all directions to accommodate more patients with fewer SKUs
- Completely seamless with finished edges

#### **Properties**

- White Polyester
- Moisture-wicking properties
- Lightweight
- X-Small King-X-Large

#### Available

- Original V-Neck Tank
- Original V-Neck Tank with Double Axilla Flaps
- Original V-Neck Tank with Left Axilla Flap
- Original Crew Neck Tank
- Original Crew Neck Tank with Double Axilla Flaps
- Original Crew Neck Tank with Sleeves
- Original Strapless Shirt



# Original Infant Turtleneck with Sleeves

The turtleneck with short sleeves is used in hospitals for a casting procedure on infants and toddlers with scoliosis.

#### **Features**

- It allows parents to be able to take off and put on a clean interface under the cast, next to the skin
- Contoured, virtually wrinkle-free fit
- Completely seamless with finished edges

#### **Properties**

- Grey Ionic+®
- Antimicrobial
- Moisture-wicking properties
- Lightweight
- X-Small Medium



# Lightweight Torso Interface®

Designed with the same great benefits as Original Torso Interface® for patients who prefer a lighter weight garment.

#### **Features**

- · Completely seamless with finished edges
- High stretch in all directions to accommodate more patients with fewer SKUs
- Contoured, virtually wrinkle-free fit

#### **Properties**

- White Polyester and Grey Ionic+®
- Antimicrobial
- Moisture-wicking properties
- 1-ply
- Small X-Large

#### Available

- Lightweight V-Neck
- · Lightweight V-Neck Tank with Left Axilla Flap
- Lightweight V-Neck Tank with Double Axilla Flaps

45 | Thuasne

Spine Shoulder & Elbow Hand & Wrist Knee O&P Textile Foot & Ankle Custom Specialty Orthoses





#### **Mullet Cranial Interface Balaclava Cranial Interface**

Designed for children wearing an orthosis to treatpositional plagiocephaly and other head shape deformities. head shape deformities.

- · Worn as an interface under a cranial orthosis
- Stretch allows one size to fit infants 3 to 18 months
- Ionic+® guards against dermatitis
- Hook and loop chin overlap closure aids in helmet donning
- After interface is pulled on, hook and loop closure fastens under chin to help eliminate wrinkles

#### **Properties**

**Features** 

- Polyester/LYCRA® and Grey Ionic+®
- Antimicrobial
- Moisture-wicking properties
- 1-ply
- One size



Designed for children wearing an orthosis to treat positional plagiocephaly and other

#### **Features**

- · Worn as an interface under a cranial orthosis
- Stretch allows one size to fit infants 3 to 18 months
- Ionic+® guards against dermatitis
- Position on head and trim to open up areas as needed
- · Length allows for chin strap if desired

#### **Properties**

- Polyester/Lycra and Ionic+®
- Antimicrobial
- Moisture-wicking properties
- 1-ply
- One size



### **Balaclava Scanning** Interface

Designed for children wearing an orthosis for scanning or as an interface to treat positional plagiocephaly and other head shape deformities.

#### **Features**

- Worn for scanning or as an interface under a cranial orthosis
- Stretch allows one size to fit infants 3 to 18 months
- Provides a soft feel in a thinner version

#### **Properties**

- Microfiber Nylon/LYCRA®
- Moisture-wicking properties
- 1-ply
- One size



# **Cranial Scanning Sock**

Intended for scanning impressions from infant to adult.

#### **Features**

• Position on head and trim to open areas as needed

#### **Properties**

- Nylon/Spandex
- 3" x 12"
- 1-ply
- One size
- Sold 25 per package

# Suggested **Billing Codes**





# CODES DESCRIPTIONS

**L0984** Protective Body Sock, each

.2820	$\label{lem:continuous} Addition to lower extremity orthosis soft interface for molded plastic, below the knee section (Knit-Rite AFO Liner Sock).$
.2840	Addition to lower extremity orthosis, tibial length sock, fracture or equal, each
.2850	Addition to lower extremity orthosis, sock, femoral length sock, fracture or equal, each
3995	Addition to upper extremity orthosis, sock, fracture or equal, each
8400	Prosthetic Sheath, below knee, each
L8410	Prosthetic Sheath, above knee, each
L8415	Prosthetic Sheath, upper limb, each
.8420	Prosthetic Sock, multiple ply, below knee, each*
.8430	Prosthetic Sock, multiple ply, above knee, each*
8435	Prosthetic Sock, multiple ply, upper limb, each*
.8440	Prosthetic Shrinker, below knee, each
.8460	Prosthetic Shrinker, above knee, each
8465	Prosthetic Shrinker, upper limb, each
8470	Fitting Sock, single ply, below knee, each
.8480	Fitting Sock, single ply, above knee, each
-8485	Fitting Sock, single ply, upper limb, each Fitting Socks, single ply, tubular construction. Knit on circular knitting machines.
7600	Prosthetic Donning Sleeve, any material, each
radition.	Whit Dita Dragthatic Scale with Unit in tanger including Knit Dita Liner Line

\*Traditional Knit-Rite Prosthetic Socks with knit-in taper, including Knit-Rite Liner Liner. Multiple (1-8) plies of natural or synthetic yarns. Knit on flat bed knitting machines.

We have included the above codes to assist the provider in determining and obtaining proper reimbursement for our products. It is the provider's responsibility to ascertain the appropriateness of individual applications of these billing codes.

47 | Thuasne

**Shoulder & Elbow** 

Knee

**O&P Textile** 

Foot & Ankle

**Custom Specialty Orthoses** 





# SpryStep® One PDAC APPROVED L1951 / L1952

Recommended for: Excessive plantarflexion during swing phase (secondary to weak dorsiflexors) / Weakness of the pretibial muscles  $\leq 3$  / Plantar flexor strength 4 / Mild knee instability during stance phase / Mild Knee hyperextension.

#### Features:

- Three trimmable areas: calf cuff, rear foot, and toes
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Fits easily into most shoes

Universal Sizing			
Foot Length		Calf H	leight
Min <sup>1</sup>	Max	Min <sup>2</sup>	Max
9 1/8"	11 3/8"	13 ¾"	15"

- 1. This indicates the shortest the footplate can be trimmed with scissors
- 2. This indicates the lowest the calf cuff can be trimmed with solicors.

  2. The control of the



# SpryStep® PDAC APPROVED L1951 / L1952

Recommended for: Excessive plantarflexion during swing phase (secondary to weak dorsiflexors) / Weakness of the pretibial muscles  $\leq 3$  / Plantar flexor strength 4 / Mild knee instability during stance phase / Mild Knee hyperextension.

#### **Features**

- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Trimmable forefoot ensures a perfect fit
- Fits easily into most shoes
- Custom version available based on size, pathology, or activity level

Size	Foot Length	Height
XS	8 ½ - 9 5/8"	11 3/4"
SM	9 1/8 - 10 1/4"	12 5/8"
MD	9 % - 10 %"	13 %"
LG	10 1/4 - 11 3/8"	14 1/8"
ΧI	11 3% = 12"	15

49 | Thuasne

Spine Shoulder & Elbow

Hand & Wrist

Knee

O&P Textile

Foot & Ankle

**Custom Specialty Orthoses** 

# The SpryStep® is...

...an elegant, durable and effective ankle foot orthotic made with a precise selection and layup of diverse composite materials. The posterior spiral strut is uniquely positioned to amplify energy return and fit easily into most shoes.



Proprietary composite technology

Remarkable strength and beautifu cosmetic characteristics.



**Posterior Lateral Strut** 

The spiral strut is uniquely positioned behind the malleoli to amplify energy return and fit easily into most shoes.



Customizable

The forefoot can be easily trimmed for a perfect fit.



# SpryStep® Flex PDAC APPROVED L1951/L1952

Recommended for: Footdrop / fatigueable footdrop / footslap / proprioception / circumduction / vaulting / high knee gait / hip hiking / contralateral trunk lean.

#### **Features**

- Enhanced spiral curve of the strut and proprietary material blend offers greater flexibility and durability, perfect for high impact activities
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Trimmable forefoot ensures a perfect fit
- Fits easily into most shoes

Size	Foot Length	Height
XS	8 ½ - 9 5/8"	11 3/4"
SM	9 1/8 - 10 1/4"	12 %"
MD	9 % - 10 %"	13 ¾"
LG	10 1/4 - 11 3/8"	14 1/8"
XL	11 % - 12"	15"



# SpryStep® Plus PDAC APPROVED L1932 / L1933

Recommended for: Excessive plantarflexion during swing phase (secondary to weak dorsiflexors) / weakness of the pretibial muscles ≤3 / plantar flexor strength 3 or 4 / mild or moderate knee instability during stance phase / mild quadriceps weakness / excessive knee flexion during stance phase (secondary to weak plantarflexors).

#### **Features**

- Anterior shell for enhanced ground reaction force
- 3D shaped pad featuring a recessed tibial crest relief zone
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary posterior lateral position of the strut increases patient compliance and energy return for activity re-engagement
- · Trimmable forefoot ensures a perfect fit

Size	A	В	C
XS	8 ½ - 9 5/8"	13"	11 ½ - 14 ½"
SM	9 1/8 - 10 1/4"	14 ½"	12 ¾ - 15 ¾"
MD	9 5/8 - 10 7/8"	15 ½"	13 ½ - 17 ½"
LG	10 1/4 - 11 3/8"	16 ¾"	14 ¾ - 18 ¾"
XL	11 % - 12"	18"	15 ½ - 20 ½"

- A Foot Length
- B Height to Tib Tuberosity
- G Calf Circumference 1" below fibula head



# SpryStep® Max PDAC APPROVED L1932 / L1933

Recommended for: Excessive dorsiflexion during stance phase (due to weak plantar flexors) / mild, moderate or pronounced knee instability during stance phase / excessive knee flexion during stance phase (secondary to weak plantar flexors) / quadricep weakness.

#### **Features**

- Midfoot lateral strut strategically positioned to achieve the desired stabilization and gait assist
- Anterior shell with 3D shaped pad featuring a recessed tibial crest relief zone
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary anterior lateral position of the strut increases patient compliance and amplifies energy return
- Trimmable forefoot ensures a perfect fit

Size	Foot Length	Height
XS	7 3/4 - 8 1/2"	13 ¼"
SM	8 1/4 - 9"	14 ½"
MD	9 – 10"	15 ½"
LG	10 - 10 3/4"	16 ½"
XL	10 3/4 - 11 1/2"	16 ½"



# SpryStep® Pediatric PDAC APPROVED L1951 / L1952

Recommended for: Footdrop / Idiopathic toe walking / mild knee hyperextension / mild foot and ankle tri-planar instability.

#### **Features**

- Trimmable on the toe, medial side of the footplate and the calf cuff
- Built with increased flexibility for dynamic kids
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Proprietary posterior lateral position of the strut increases patient compliance and amplifies energy return
- Fits easily into most shoes

Size	Foot Length (Min¹-Max)	Height (Min²–Max)
XS	3 3/4 - 5 3/4"	6 1/4 - 7"
SM	4 1/4 - 6 1/4"	7 ½ - 8 ¼"
MD	5 – 7"	8 3/4- 9 1/2""
LG	5 ½ - 7 ½"	9 3/4 - 10 1/2"
XL	6 - 8"	11 - 11 3/4"

- Calf cuff depth =  $2\frac{1}{2}$ " (the width of the calf cuff can be trimmed up to  $1\frac{1}{2}$ " on each side)
- 1. This indicates the shortest the footplate can be trimmed with scissors
- 2. This indicates the lowest the calf cuff can be trimmed with scissors



# SpryStep® Carbon Footplate

Recommended for: Greater toe plantar plate injury (turf toe) / metatarsal fractures / Lis Franc injury / forefoot, midfoot Pain.

Foot length

#### **Features**

Size

- Integrated toe ramp enhances natural gait
- Rigid carbon core provides great energy return
- Trimmable composite materials all around the footplate for easy customization
- Fits comfortably in most footwear

**Kids Shoe** 

4XS	8 - 10	-	6 1/4 - 7 1/8
3XS	10 - 12	-	7 1/8 - 7 3/4
2XS	12 - 2	-	7 3/4 - 8 3/4
XS	2 - 4	-	8 3/4 - 9 3/8
Size	US Men Shoe	US Women Shoe	Foot length
SM	6 - 8 ½	5 - 10	10 ½
MD	7 - 10	8 - 12	11
LG	9 - 12	11 - 15	11 %
XL	11 - 14	15 - 18	12 ½
2XL	13 - 16	-	13
3XL	15 - 18	_	13 %

Shoulder & Elbow Hand & Wrist Knee O&P Textile Foot & Ankle Custom Specialty Orthoses





#### PDAC APPROVED L4360 / L4361

Recommended for: Ligament and tendon related trauma or injuries / severe sprains / stable fracture of the foot and front of foot / pre/post-operative ankle stabilization.

#### **Features**

- Full shell structure for optimal immobilization
- Pneumatic bladder with built-in air pump
- Comfortable padded insole
- Easy to inflate and deflate
- Shock absorbing outer sole rocker allows smooth and natural gait

#### **Options**

- Heel wedges
- Mid-calf or full-calf models available
- Universal left or right

Size	US Men Shoe	US Women Shoe
XS	2 - 4	3 ½ - 5
SM	4-7	5 - 8
MD	7 – 10	8 – 11
LG	10 - 13	11 – 15
XL	13 – 16	15+



# XLR8 Mid Calf PDAC APPROVED L4360 / L4361

Recommended for: Ligament and tendon related trauma or injuries / severe sprains / stable fracture of the foot and front of foot / pre/post-operative ankle stabilization.

#### **Features**

- Full shell structure for optimal immobilization
- Pneumatic bladder with built-in air pump
- Comfortable padded insole
- Easy to inflate and deflate
- Shock absorbing outer sole rocker allows smooth and natural gait

#### **Options**

- Heel wedges
- Mid-calf or full-calf models available
- Universal left or right

Size	US Men Shoe	US Women Shoe
XS	2 - 4	3 ½ - 5
SM	4-7	5 – 8
MD	7 – 10	8 – 11
LG	10 – 13	11 – 15
XL	13 – 16	15+



# EZG8 Fixed Ankle

**Recommended for:** Grade 1, 2 and 3 ankle sprains and stable or stable fixed fractures of the foot or ankle.

#### **Features**

- Aluminum uprights
- Comfortable padded insole
- Shock absorbing outer sole rocker allows natural gait
- Foam bootie available with or without air bladder

#### Options

- Full height or mid-calf uprights
- · Pneumatic (air bladder) bootie
- Heel wedges
- · Universal left or right





### **EZG8 Mid Calf Fixed Ankle**

PDAC APPROVED L4360 / L4361

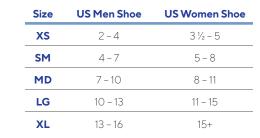
**Recommended for:** Grade 1, 2 and 3 ankle sprains and stable or stable fixed fractures of the foot or ankle.

#### **Features**

- Aluminum uprights
- Comfortable padded insole
- · Shock absorbing outer sole rocker allows natural gait
- Foam bootie available with or without air bladder

#### **Options**

- Full height or mid-calf uprights
- Pneumatic (air bladder) bootie
- Heel wedges
- Universal left or right





### Select Walker

PDAC APPROVED L4360/L4361 NON-PNEUMATIC L4386/L4387

**Recommended for:** Grade 1, 2 and 3 ankle sprains and stable or stable fixed fractures of the foot or ankle.

#### **Features**

- Formable plastic uprights
- Comfortable padded insole
- Shock absorbing outer sole rocker allows natural gait
- Foam bootie available with or without air bladder

#### **Options**

- Full height or mid-calf uprights
- Fixed ankle
- · Fixed ankle with air bootie
- Heel wedges (optional)
- Universal left or right

Size	US Men Shoe	US Women Shoe
XS	2 - 4	3 ½ - 5
SM	4-7	5 – 8
MD	7 – 10	8 – 11
LG	10 – 13	11 – 15
XL	13 – 16	15+

# Townsend PediWalker PDAC APPROVED L4387

**Recommended for:** Grade 1, 2 and 3 ankle sprains and stable or stable fixed fractures of the foot or ankle.

#### Features

- Durable alternative to casting for children
- Lightweight, conformable plastic uprights with metal reinforcement bridge
- Simple integrated strapping for easy application
- Reinforced composite rocker bottom facilitates natural gait
- Low profile and non-slip tread
- Extra sturdy for active children
- Universal left or right

Size	Children Size	
SM	5 – 8	
MD	8 – 13	
LG	13 – 3	

Knee

**O&P Textile** 



# NOX Splint RECOMMENDED L-CODE L4396

**Recommended for:** *Plantar fasciitis / Achilles tendonitis / tight heel cords.* 

#### **Features**

- Hinge design allows for customized stretch
- Adjustable tension strap
- Position indicator window
- Soft padding (strategic interior air bladder)
- Wider metatarsal region
- Non-skid sole
- Universal left or right

#### **Options**

Optional accessory strap

Size	US Men Shoe	US Women Shoe
SM/MD	5 - 9	6 – 10
LG/XL	9 ½ – 14	10 ½ - 15



# Night Splint RECOMMENDED L-CODE L4396

**Recommended for:** Plantar fasciitis / Achilles tendonitis / tight heel cords.

#### **Features**

- Lightweight with adjustable tension
- Washable open cell foam liner
- Comfortable strap pads to protect against discomfort on bony anatomy
- Easy to use, convenient center release buckles
- Non-slip outer sole
- Universal left or right

Size	US Men Shoe	US Women Shoe
SM	3 ½ - 7	4-71/2
MD	7 – 10	8 – 10 ½
LG	10 ½ - 13	10 ½ - 15



# Silistab Achillo PDAC APPROVED A4467

Recommended for: Achilles tendon injuries including enthesitis / tendonitis / tenosynovitis / bursitis and Haglund's disease / achillodynia following Achilles tendon surgery.

#### Features

- Medical grade compression
- Soft silicone heel inserts (pair) available in three heights
- Dimpled achilles silicone posterior insert for tendon protection and massage
- · Elastic knit for optimal malleoli comfort
- Patented pull tabs for easy application and removal
- Universal left or right

	Size	Ankle Circumference
	1	7 ½ - 8 ¼"
	2	8 1/4 - 9"
	3	9 - 9 3/4"
	4	9 3/4 - 10 3/4"
	5	10 3/4 - 113/4"



# Malleoaction PDAC APPROVED A4467

Recommended for: Mild to moderate sprains / edema and proprioception.

#### **Features**

- Provides support and medical grade compression
- Anatomically shaped elastic knit for optimal malleoli comfort
- Patented pull tabs for easy application and removal
- Universal left or right



# Malleo Go PDAC APPROVED A4467

Recommended for: Post-traumatic / postoperative and chronic inflammation / sprains / joint effusions / edema linked to arthritis and joint disease / moderate joint instability.

#### **Features**

- Support and medical grade compression
- Elastic knit for optimal malleoli comfort
- Silicone inserts for malleoli protection
- Available left and right



# Ligastrap Malleo PDAC APPROVED A4467

Recommended for: Moderate sprains of the lateral ligament (functional treatment) / resumption of occupational activities and sports after moderate to serious sprains / chronic hyperlaxity

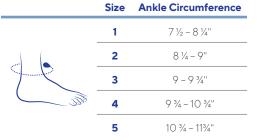
#### **Features**

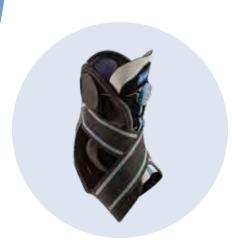
- Figure 8 strapping for lateral stabilization and support
- Removable reinforcement strap
- Anti-slip system to prevent migration
- Patented pull tabs for easy application and removal
- Low profile for maximum comfort
- Universal left or right

Size	Ankle Circumference
1	7 ½ - 8 ¼"
2	8 1/4 - 9"
3	9 - 9 3/4"
4	9 3/4 - 10 3/4"
5	10 3/4 - 113/4"



Knee



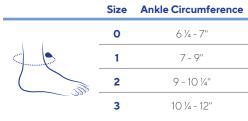


#### Malleo Dynastab BOA® PDAC APPROVED L1902

Recommended for: Mild, moderate or severe sprains of the lateral ligaments / lower tibiofibular sprain / resumption of sports.

#### **Features**

- Fast, easy and reliable BOA® fit system, with a lifetime guarantee
- · Wide opening for easy-on and easy-off
- Resistant and comfortable lightweight metal reinforcements
- Figure 8 strapping system provides additional lateral reinforcement
- Antimicrobial-treated 3D knit offers lightweight comfort and effective moisture-wicking performance
- Slim, low-profile design allows the brace to be worn in most types of shoes
- Universal left or right



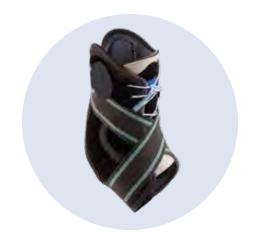


#### Malleo Dynastab BOA® Open Malleo Dynastab PDAC APPROVED L1902

Recommended for: Mild, moderate or severe sprains of the lateral ligaments / lower tibiofibular sprain / resumption of

#### **Features**

- Fast, easy and reliable BOA® fit system, with a lifetime guarantee
- Full posterior opening
- Resistant and comfortable lightweight metal reinforcements
- Figure 8 strapping system provides additional lateral reinforcement
- · Antimicrobial-treated 3D knit offers lightweight comfort and effective moisture-wicking performance
- Slim, low-profile design allows the brace to be worn in most types of shoes
- Universal left or right



# PDAC APPROVED L1902

Recommended for: Mild, moderate or severe sprains of the lateral ligaments / lower tibiofibular sprain / resumption of sports.

#### **Features**

- Precise lace-up tightening system
- · Same features and benefits as Malleo Dynastab BOA®
- Universal left or right

	Size	Ankle Circumference
	0	6 1/4 - 7"
	1	7 - 9"
	2	9 - 10 1/4"
	3	10 1/4 - 12"





#### **Ligacast Anatomic** PDAC APPROVED L4350

Recommended for: Moderate or severe sprains, malleolar fractures (functional treatment in physical therapy phase).

#### **Features**

- Rigid side shells for firm support
- Asymmetrical malleoli prominence and flexible edges for anatomical fit
- Honeycomb interior for enhanced patient comfort



#### **Ligacast Air+** PDAC APPROVED L4350

**Recommended for:** Moderate to severe sprains (functional or post-surgery treatment) and malleolar fractures (functional treatment in physical therapy phase).

Knee

#### **Features**

- · Rigid side shells for firm support
- Inflatable inserts reinforce protection and reduce swelling
- Adjustable heel and hook and loop straps for easy application
- Inflator bulb for air pressure customization after brace is fit

#### Ordering

OTS universal sizing

Patient Height

< 5' 3"

> 5' 3"

# range of SpryStep® AFOs and KAFOs, solutions for the most complex patients. KO, AFO, & KAFO

#### SpryStep® Vector KAFO **CUSTOM FABRICATED ORTHOSIS**

#### **SUGGESTED L-CODE L2036**

Durable, versatile and Lightweight, the SpryStep® Vector KAFO combines the power of modern composite manufacturing with trusted Thuasne hinge motion. Featuring four shell configurations, a variety of joint options and two molded inner boot styles, the SpryStep® Vector KAFO is the comprehensive solution giving patients the confidence they need to lead active lives.

Recommended for: patients with varying neurological lower limb deficits including:

- Polio
- Post-polio
- Multiple sclerosis
- Incomplete spinal cord injury
- Paralysis
- Cerebral vascular accident
- Traumatic brain injuries
- Complications post-surgery
- Trauma affecting lower limb function

#### **Knee alignment concerns**

- Genu varum
- Genu valgum
- Genu recurvatum



Molded inner boot comes as standard to ensure optimal triplanar control.



Optional coronal correction for increased control.

#### **Brace Configurations**









**Anterior** 

**Posterior** 

Hyperextension Resist

Flexion Resist

#### **Joint Options**



**5 Bar Knee Component** Option 1: Free Motion Option 2: Locking with manual triggers

Option 3: Locking with integrated cable and Twist Release



**Single Pivot Knee Component Option 1:** Locking with manual triggers

Option 2: Locking with integrated cable and Twist Release



**Twist Release Mechanism** Acts as a simple release lever that can also be used to provide free motion to a locked joint



Extension assist bands available on all joint configurations

**Extension Assist** 

59 | Thuasne

Custom

**Specialty** 

**Orthoses** 

Featuring the elegant and durable

Thuasne® offers effective customer

Casting Instructions

More Info >

**Shoulder & Elbow** 

**Hand & Wrist** 

**O&P Textile** Knee





SpryStep®



SpryStep® Flex

SpryStep® Plus

# SpryStep® Custom SUGGESTED L-CODE L1950 / L1940 / L1945

A durable, effective, and elegant custom AFO that meets the individual needs of a diverse patient population. Customizable from calf to toe, the SpryStep® Custom's posterior lateral strut is strategically positioned to amplify energy return and fit comfortably into most shoes.

Recommended for: Fatigueable footdrop / footslap / footdrop / excessive plantarflexion during swing phase / weakness of the pretibial muscles  $\leq 3$  / plantar flexor strength 4 / mild knee instability during stance phase / knee hyperextension / circumduction / vaulting / high knee gait / hip hiking/contralateral trunk lean.

#### **Features**

- Available in three models to treat a variety of patient indications
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort
- Proprietary posterior lateral position of the strut increases patient compliance and energy return for activity re-engagement
- Superior cosmetic finish





**Pre-Tibial Shell & Coronal Correction** 



Pre-Tibial Shell

Posterior Shell & Coronal Correction

# SpryStep® Vector PDAC APPROVED L1950

The SpryStep® Vector AFO is an elegant, durable, patient friendly custom composite AFO. All four models feature the signature posterior lateral spiral strut that offers biomechanical and fitting advantages. Each model also includes a molded inner boot.

Recommended for: Plantar flexor strength 0 or 1/mild, moderate, or pronounced knee instability during stance phase/mild, moderate, or pronounced quad weakness/plantarflexion contracture/high tone/inconsistent oedema/non-correctable triplanar instability.

#### **Features**

- Malleable heat formable thermoplastic molded inner boot and calf cuff
- Lightweight, durable composite construction engineered with unique laminated characteristics to prevent delamination and breakage
- Device stiffness tuned for each individual patient
- Minimalistic trimlines using material only where force systems dictate, avoiding bony prominences
- Open heel design for greater comfort
- Material diversity offers strategic flexibility and stiffness to enhance performance and patient comfort

61 | Thuasne

Spine Shoulder & Elbow Hand & Wrist Knee O&P Textile Foot & Ankle Custom Specialty Orthoses

#### **Technical Bracing Warranty**

The following applies to Thuasne, LLC ("Thuasne") and its Technical Bracing products.

#### **Custom Fabrication:**

Product integrity, durability and fabrication quality are backed by service warranties. Our warranty policies are intended, for a defined period, to resolve issues related to material or fabrication variances and ensures device function. Warranty coverage is based on normal use and conditions. During and after the defined warranty period, Thuasne's objective is to offer services that achieve customer and patient satisfaction. Thuasne's fit warranties are valid when patient shape capture (physical or digital) is complete and Thuasne did not need to recreate missing anatomy or make gross assumptions of anatomical shape or alignment. This policy has been implemented to ensure all custom fabrication begins with accurate patient shape capture.

#### **Custom Knee Braces (Composite)**

Thuasne offers a 5-year warranty of a brace that has a shell or hinge failure (carbon delamination, breakage and/or hinge breakage). Replacement parts including straps, chafes, hinge covers, and padding are covered under warranty for six-months from the date of shipment.

#### **Custom Composite KAFOs & AFOs**

Thuasne offers a limited 12-month warranty of a brace that has a failure or compromise to the graphite shells, foot plate or hinges (carbon delamination, breakage and/or hinge breakage) from the date of shipment. Replacement of parts including straps, chafes, hinge covers, molded inner boots, pre-tibial shells, and padding are covered under warranty for six-months from the date of shipment.

#### **OTS AFOs (Composite)**

Thuasne offers a limited 24-month warranty of a brace that has a failure or compromise to the composite shells or foot plate (carbon delamination) from the date product is dispensed and patient weight does not exceed 250lbs (greater than 250lbs requires a Custom AFO). Replacement of parts including straps and padding are covered under warranty for six months from the date product is dispensed.

#### OTS/Custom KOs (Aluminum)

Thuasne offers a limited 12-month warranty of a brace that has a failure or compromise to the aluminum shells or hinges from when the product is dispensed. Replacement of parts including straps, chafes, hinge covers, and padding are covered under warranty for six-months from the date the product is dispensed.

#### Spine Bracing and Soft Goods

Thuasne offers replacement of products or components due to material defects or fabrication errors within six-months from the date product is dispensed.

#### Initial 30-Day Fit Guarantee

All custom and custom three measurement devices from Thuasne come with an initial fit warranty. Within the first 30-days from the date of shipment, Thuasne will remake/replace an ill-fitting device, at no charge, to ensure patient compliance and satisfaction. If Thuasne had to recreate anatomical shape or make gross alignment adjustments to fabricate the initial device, this policy is null and void, and a full charge remake will be invoiced at the customer's expense. Any requests after this published time frame (30 days from the date of shipment) will be subject to additional fees at the customer's expense.

#### ROM Series Post-Op Braces & Shoulder Slings

These rehabilitative products are designed for use by one patient for a short duration not to exceed 90 days. Replacement will be provided for material defects, fabrication errors or unnatural wear under normal use for 90 days from the date the product is dispensed.

#### Initial 30-Day Fit Guarantee

All custom and custom three measurement devices from Thuasne come with an initial fit warranty. Within the first 30-days from the date of shipment, Thuasne will remake/replace an ill-fitting device, at no charge, to ensure patient compliance and satisfaction. If Thuasne had to recreate anatomical shape or make gross alignment adjustments to fabricate the initial device, this policy is null and void, and a full charge remake will be invoiced at the customer's expense. Any requests after this published time frame (30 days from the date of shipment) will be subject to additional fees at the customer's expense.

#### **Hinged Soft Shell Braces**

Replacement of the product or compromised components will be provided for material defects, fabrication errors; unnatural wear to the hinges, straps, or sleeve within the first six-months.

#### **OTS Walker Boots**

Walking boots are designed for short-term use (no more than 90 days) by a single user. Any boot with a material defect, unnatural wear to the boot shell, uprights, foam bootie, or straps under normal use and conditions will generally be replaced at no charge for 90 days from the date the product is dispensed.

#### Returns, Exchanges, & Credits

Any product being returned to Thuasne for possible credit must be submitted with a Product Return Form and RMA #. The RMA # and return form can be requested by calling 800.432.3466. The product and completed return form can be shipped at the customer's expense to: Thuasne, 4615 Shepard Street, Bakersfield, CA 93313, within 60 days from the date of purchase to be eligible for replacement or credit. After 60 days, the product is not eligible for credit.

Thuasne has no direct involvement in patient selection, brace fitting, insurance denials, patient education and/or patient compliance. Based on the circumstances for the return, Thuasne will determine if full or partial credit will be granted, and/or if a restocking fee will be charged.

#### Fair Business Practices

Customers are responsible for providing Thuasne with fair opportunity to resolve a problem by fixing, remaking, or replacing a product. If Thuasne is not provided this opportunity, or if the product is being returned for reasons that Thuasne doesn't control, it is less likely Thuasne will issue a credit. Circumstances that reduce or eliminate eligibility for credit include but are not limited to: Patient refused brace or never returned to pick it up, insurance denial, patient moved, patient died, patient decided to use a different product, patient decided to use a different provider, patient was dissatisfied with the look of the brace, or obvious misuse of the product by the patient.

When a product is returned, it is inspected, and the Product Return Form is reviewed. Thuasne reserves the right to issue full credit, no credit or charge a portion of the cost of fabricating and shipping a brace. Partial charges are generally based on a percentage of the original invoice.

Non-warranty returns will only be accepted on unopened products sealed in their original packaging within 60 days from date of purchase and may be subject to a 20% restocking fee.

- 1. Brace Returns: Because custom braces have been made for an individual user, a returned custom brace has no resale value to Thuasne. As a result, credits are routinely only issued if the customer can demonstrate that Thuasne bears some or all responsibility for the return (i.e. a fabrication or processing error, missed deadline, poor fit, etc.).
- 2. Customized Brace Returns: Any aluminum knee braces made from three- measurements in the standard matte black color and in pristine condition, will be determined by Thuasne if credit will be granted.
- 3. Pre-Sized Product Returns: To be eligible for full credit, OTS knee braces must be returned in unused, pristine condition - unless the product return is due to a manufacturing or material defect. For an individual off-the-shelf product, there is routinely no restocking fee if the product can be returned to inventory and resold. Restocking fees apply if a customer is liquidating inventory and attempting to return multiple products at the same time. Restocking fees are routinely based on a percentage of the original purchase price of the product.

#### Resolution

1. Repair or Replacement: If a product fails to perform under normal use and conditions. Thuasne will repair or replace the brace according to our published warranties. Repair charges apply to products not covered under warranty or if the product is damaged by misuse or neglect.

- 2. Exchanges Of Pre-Sized Products: Thuasne may grant requests for standard size off-the-shelf product exchanges based on a customer's need to replace the brace in a different size or model. The customer is generally responsible for shipping charges, so long as the exchanged brace being returned has not been worn or damaged. Outdated models that cannot be resold are not eligible to be exchanged.
- 3. Credits: Thuasne does not issue refund checks to customers. Any approved credit is posted to the customer's account and can be applied to outstanding invoices or future purchases.

# **Thuasne Terms** and Conditions

Standard payment terms are Net 30 from the date of invoice, unless otherwise agreed in writing. All orders will be shipped C.O.D. or via credit card until credit terms are established and approved.

We are required by law to charge applicable sales tax on all orders unless a valid sales tax exemption certificate has been submitted and approved prior to purchase. It is the customer's responsibility to ensure exemption documentation is current and on file.

#### Credit:

To request open account terms, please contact your sales representative or customer service to access our credit application. Approval is subject to credit review and may require a personal guarantee, especially for LLCs and Corporations.

Approved credit accounts are subject to ongoing review. If an account has any invoice over 45 days past due or has exceeded its approved credit limit, it is subject to a credit hold. No new orders will be released until the balance is reduced or all past due invoices are paid current.

#### Payment:

We accept the following forms of payment:

- ACH
- Wire Transfer
- Check / Money Order / Cashier's Check
- Credit Card (Visa, MasterCard, Discover)

#### **Returned Checks:**

All returned checks are subject to a \$25.00 service charge.

#### Statements:

Statements of account are sent each month, and will reflect all invoices, credit memos, and payments posted during the prior billing period.

#### Service Charges:

A 1.5% monthly interest charge (equivalent to an 18% annual percentage rate or the maximum allowed by law) will be applied to all past due balances.

#### C.O.D. Orders:

We do not drop ship C.O.D. orders. Any refused C.O.D. shipment will result in the customer being charged for all related shipping costs, plus a \$10.00 refusal fee.

#### **Collection Fees:**

If an account becomes overdue and requires collection action. the customer will be responsible for all fees and costs incurred in the collection process, including attorney or third-party collection agency fees. No orders will be accepted until the account is cured.

#### **Delivery Claims**

No claim for shortages will be allowed unless made within 10 working days of receipt of order.

#### **Returned Goods Policy**

All Technical Bracing is subject to the warranty and returned goods policy outlined herein.

Acceptance of O&P Textile returned merchandise is at the discretion of Thuasne. Returned merchandise will not be accepted for credit without a valid return authorization number and the lot number for the product. There is a maximum 45-day time limit in which to return all merchandise, should Thuasne approve the return. Note: The RA# authorizes your company to return the items, however, based on evaluation, credit to be determined.

#### The following will be required for any return:

- Full description of the merchandise.
- Complete reason for the return.

The following applies to all returned merchandise that is not deemed defective or that is not the result of a shipping error:

Please do not return any merchandise that has been worn or tried on. Credit or exchange will be issued at the discretion of Thuasne.

- 0% Restock fee if returned within 45 days and no repackaging required.
- 15% Restock fee if repackaging is required.
- 15% Restock fee if product is returned without an RA.
- 15% Restock fee if returned over 45-days with approval.

#### **Export Accounts**

See your Sales Representative for specific Terms and Conditions.

#### **O&P Textile Manufacturer's Warranty:**

All O&P Textile products are warranted to be free of material or workmanship defects for 45 days from date of purchase. At the discretion of Thuasne, any defective merchandise will be replaced or credited at the actual price paid. No refunds.

This warranty is made expressly in lieu of any other warranty and Thuasne makes no other representation or warranty of any other kind, express or implied, with respect to the products, whether as to merchantability, fitness for a particular purpose including any particular medical condition, non-infringement of third party rights or any other matter. The warranties contained herein set forth customers sole and exclusive remedy in the event of a defect in workmanship or materials and shall not be deemed to have failed its essential purpose so long as Thuasne is willing and able to carry out the terms of this exclusive warranty.

Customers should carefully inspect their products as soon as they receive them for manufacturer's defects. Manufacturer's defects are flaws that are existent or apparent when the package is opened. Note that manufacturer warranties do not include: normal wear and tear, pulled threads, runs, wear at the toe, or holes due to fingernails, toenails, or snags; or any problem caused by the wearer in application, improper use, or improper care of the garment. These occurrences will not be considered as defects. If a customer feels that a hole, snag, tear or run is the result of a manufacturer's defect, please contact us. We take quality issues very seriously and we will do our best to resolve the matter.

#### **O&P Textile Returns**

120 Osage Avenue, Kansas City, KS 66105

#### **Toll Free**

**Phone:** 1.800.821.3094 (USA/Canada)

thuasneusa.com

#### **Contact your local Thuasne Representative**



**KNIT-RITE** • SpryStep • **SLEEQ** • **MOBIDERM** • THERAFIRM

ThuasneUSA.com

#### Thuasne, LLC

#### Kansas City, Kansas

120 Osage Ave, Kansas City Kansas, 66105 • 800.821.3094

#### Bakersfield, California

4615 Shepard Street, Bakersfield, CA 93313 • 800.432.3466