CIRCAID®

by medi

2013 PRODUCT GUIDE

Did you know that giraffes have venous pressures of more than 250 mmHg at their ankles? That is three times more than humans. However, giraffes do not suffer from Lymphedema or Venous Disorders.

Physiologists have discovered the answer in the skin. Giraffe skin is inelastic, meaning that it does not stretch. Thus, giraffes are not susceptible to problems like Lymphedema and Venous Disease, even though they may be on their feet 24 hours a day.

CircAid® has incorporated this concept into its products, creating solutions that help patients heal while allowing them to maintain an independent lifestyle.

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Making Compression *Easier.*

CircAid® Medical Products is dedicated to providing medical devices and services to patients that will enable them, despite their circulatory conditions, to live active, healthy, happy and independent lives. This mission is echoed from the manufacturing floor all the way around the world to distributors and sales representatives.

"It's amazing how well people respond to these products. They are so simple and eliminate the obstacles that frustrate the consumers (getting them on) and the medical professionals (compliance). I've seen so many dramatic examples of healing and size reduction, it's hard not to get excited about CircAid®," says Melissa Coombs, a CircAid® sales representative in New England, USA.

"A lot of times products are made without much thought beyond what might get the job done for as little cost as possible. We believe it's important to push the design process further and really assess what is best for the patient. We try to find the simplest design that is both user friendly and comfortable while still fulfilling the basic patient needs," remarks Tom Richardson, a CircAid® Design Engineer.

Easier Compression Solutions

Juxta-Fit™ Premium
The best value and leading inelastic adjustable custom and standard sized 24 hour compression garments that features a measurable compression system, BPS™ (Built-In Pressure System™). Available in whole leg, lower leg, and foot systems for the treatment of Lymphedema and severe Venous Disease.

Juxta-Fit™ Essentials
Economical custom and standard sized 24 hour compression garments that features a measurable compression system, BPS™ (Built-In Pressure System™). Available in arm and lower leg systems for the treatment of Lymphedema and severe Venous Disease.

Juxta-Lite™
The perfect alternative to compression stockings. Affordable standard sized 24 hour compression garments for the lower leg and foot for the treatment of Venous Insufficiency and mild to moderate Lymphedema that features a measurable compression system, BPS™ (Built-In Pressure System™).

Graduate™ and Measure-Up™
Padded assured gradient compression garments for the arm, leg and foot for the treatment of Lymphedema during sedentary use.

Ready-Fit™ and Classic-Flex™
Inelastic, no-stretch compression garments for the lower leg that feature an interlocking band system for the treatment of Lymphedema and severe Venous Disease.

Comfort Ancillaries
Capris, socks, liners and other ancillary products that provide extra comfort and support used in conjunction with CircAid® compression systems.

Built-In Pressure System™

It is now possible for a patient to apply consistent compression every time they don their compression garment.

PATENTED TECHNOLOGY

Juxta-Fit™ and Juxta-Lite™ garments are engineered with the ability to be set to multiple compression levels. The Built-In Pressure System™ (BPS™)[12] is what makes this possible. When a patient utilizes their BPS™ card, they can set their prescribed compression level each time they don their garment. In addition, Juxta-Fit™ and Juxta-Lite™ are designed so the inelastic compression does not lose integrity over the life of the garment.

Studies confirm that consistent inelastic compression is key to healing venous stasis ulcers[3], reducing ulcer reccurence[1] and reducing edema[8]. The patented BPS™ technology is just one of the many ways that CircAid® continues to make compression easier and more effective for your patients.

The user friendly design of the Built-In Pressure System™ enables patients to achieve high compression levels for Lymphedema maintenance. The patented Juxta™ System[11] allows for easy application and adjustment, ensuring the appropriate compression level is being applied throughout the period of wear. Verifying the correct level of applied pressure is simple with the BPS™ Guide Card, just measure, verify and adjust – you can only do this with CircAid® garments!

The Benefits of Elastic

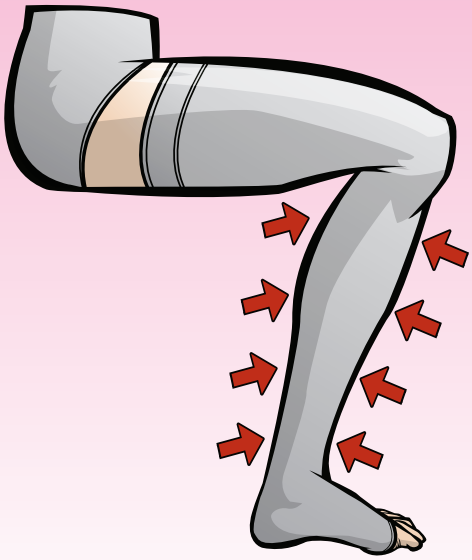
Static Compression:
Elastic Compression Stockings

Compression stockings, both circular and flat knit, are based on the use of elastic fibers such as spandex or latex. It is this elastic fiber that enables the stocking to provide compression and also to stretch in order to apply the stocking to the limb. Because of the elastic nature of the stocking design, stockings provide a consistent or static compression to the limb; when an individual changes position, such as moving from supine to standing, the limb circumference changes. And with the elastic nature of the stocking it stretches to accommodate the change in circumference and will maintain a fairly consistent compression level regardless of position or movement.

This is particularly beneficial when a patient experiences a reduction in limb size due to the removal of excess edema in the treated limb. However it also requires that the compression stocking be removed when in a supine position (sleeping) because a consistent high compression level may result in pain in the limbs due to the decreased venous pressure.

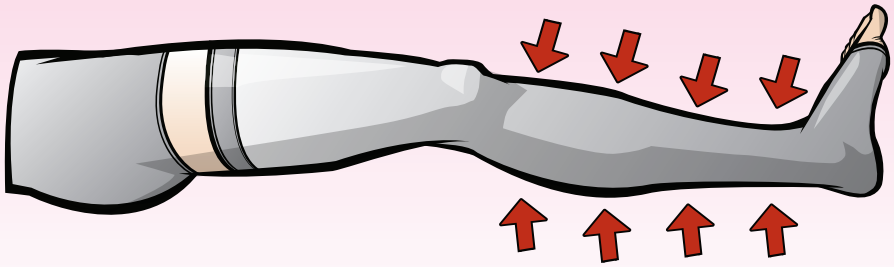
Standing, with an elastic stocking

Sitting, with an elastic stocking



Compression level remains the same as patient stands or walks

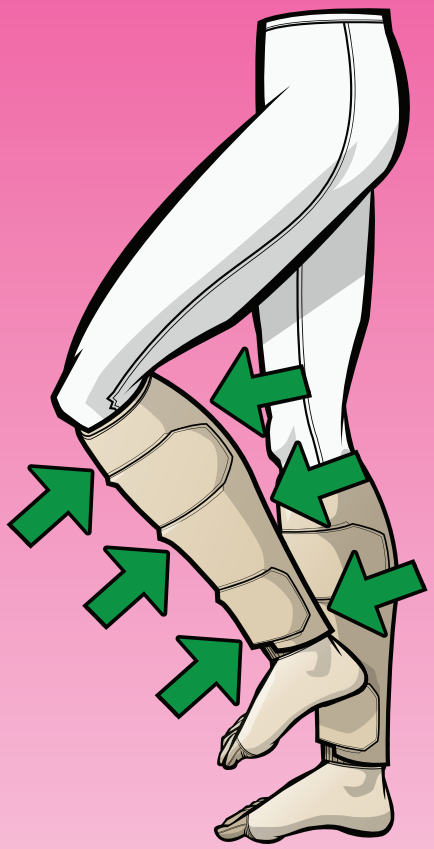
At rest, with an elastic stocking



and Inelastic Compression

Dynamic Compression:
Inelastic Compression Garments

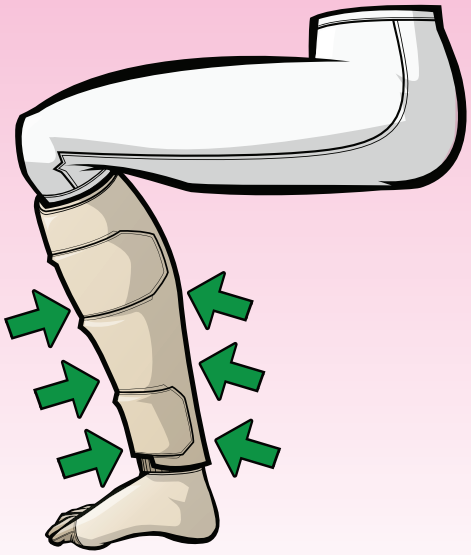
Standing, with a CircAid® garment



As the name suggests, inelastic compression is the opposite of elastic compression in that the products do not stretch when circumference changes occur as the result of body movement. So what occurs when the body is in movement is that the actual compression level under the inelastic compression system will rise and fall, thus creating a dynamic compression system. This change in compression with inelastic compression systems has been demonstrated to have dramatic effects in improved venous hemodynamics and edema reduction. Inelastic compression is achieved with Unnas boot bandages, short-stretch bandages, multi-layer bandages as well as with inelastic, adjustable wraps.

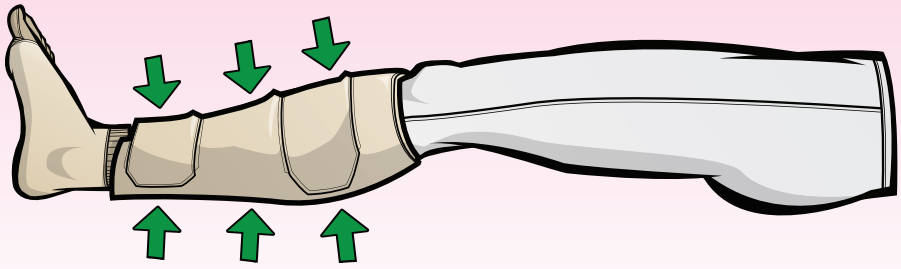
While bandage systems do provide a dynamic compression effect their main drawback is that they do not adjust with reductions in the limb size and as such over the course of wear the compression level drops. This requires that the bandages be removed and reapplied quite often to maintain adequate compression for treatment. This is what makes CircAid® Compression Systems unique. Because of its system of instantly adjustable bands, the compression level can be easily adjusted to accommodate changes in limb volume.

Sitting, with a CircAid® garment



Compression level increases as patient stands or walks

At rest, with a CircAid® garment



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"I love my Juxta-Fit™! After years of large bandages on my arm and small ones on my fingers and then rebandaging every morning, it is a joy to just put on the armsleeve and strap the Velcro®."

- Barbara F., Littleton, CO

INELASTIC COMPRESSION SYSTEMS

JUXTA-FIT™ PREMIUM

CUSTOM LEGGING

Juxta-Fit™ custom leggings can be made to cover from the upper thigh to the foot. Juxta-Fit™ custom leggings are available in a wide variety of combinations and configurations. Whether the patient prefers one fluid garment or separate pieces, Juxta-Fit™ can be made to fit almost any limb.

All custom Juxta-Fit™ products can be made to fit the contours of almost any limb. Also, custom Juxta-Fit™ garments can accommodate diaurnal changes in the limb from a **5% increase up to a 20% reduction** in limb circumference.

Juxta-Fit™ Whole Legging with Separate Ankle-Foot Wrap

	CUSTOM
CUSTOM JUXTA-FIT™ LOWER LEGGING	23709017
CUSTOM JUXTA-FIT™ LOWER LEGGING with ATTACHED JUXTA-FIT™ ANKLE FOOT WRAP	23709217
CUSTOM JUXTA-FIT™ LOWER LEGGING with KNEE PIECE	23709117
CUSTOM JUXTA-FIT™ LOWER LEGGING with KNEE PIECE AND ATTACHED JUXTA-FIT™ ANKLE-FOOT WRAP	23709317
CUSTOM JUXTA-FIT™ KNEE PIECE	23809117
CUSTOM JUXTA-FIT™ UPPER LEGGING	23809317
CUSTOM JUXTA-FIT™ UPPER LEGGING with KNEE PIECE	23809217
CUSTOM JUXTA-FIT™ WHOLE LEGGING with SEPARATE JUXTA-FIT™ ANKLE-FOOT WRAP	23909217
CUSTOM JUXTA-FIT™ WHOLE LEGGING with ATTACHED JUXTA-FIT™ ANKLE-FOOT WRAP (CLOSED-HEEL)	23909317
CUSTOM JUXTA-FIT™ ANKLE-FOOT WRAP (CLOSED HEEL)	38290117

STANDARD LEGGING

Juxta-Fit™ is the leading inelastic, instantly adjustable compression garment for the management of Lymphedema. The easy design enables patients to live independent lives while alleviating the struggles of using bandaging and/or compression stockings.

Made from Breath-o-Prene®, the Juxta-Fit™ is soft and comfortable and can be worn day and night. The rigid construction of the Juxta-Fit™ enables it to bridge the gaps associated with severe edema helping to better manage the Lymphedema.

In addition, Juxta-Fit™ has a lifespan of up to two years. This is a significant value over other compression garments that may need to be replaced every 2-6 months.

	SMALL	MEDIUM	MEDIUM FULL CALF	LARGE	LARGE FULL CALF	XL	XL FULL CALF	XXL
28CM JUXTA-FIT™ PREMIUM STANDARD LOWER LEGGING	23603017	23604017	23604117	23605017	23605117	23606017	23606117	23607017
36CM JUXTA-FIT™ PREMIUM STANDARD LOWER LEGGING	23703017	23704017	23704117	23705017	23705117	23706017	23706117	23707017

Juxta-Fit™ Upper Legging

Juxta-Fit™ Knee Piece

Juxta-Fit™ Lower Legging

Juxta-Fit™ Ankle-Foot Wrap

EACH PREMIUM PACKAGE INCLUDES
Package contents vary. Please call Customer Service at 1-800-CIRCAID (247-2243) for details.
An instructional DVD is available upon request.

COMPONENTS
Nylon, Polyethylene Plastic, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema, other forms of Edema: Venous, Post Traumatic, Post Surgical, "Lipedema", Varicose Veins (all types), Chronic Venous Insufficiency ("CVI"), Venous Stasis Disease, Venous Valvular Insufficiency ("VVI"), Venous Insufficiency, Post Thrombotic Syndrome, Venous Ulcer (Stasis Ulcer), Angiodysplasia, Post Sclerotherapy, Thrombosis Prevention, Venous Eczema, Lipodermatosclerosis

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, Septic Phlebitis, Decreased or absent sensation in the leg, Allergy to compression material, Moderate peripheral arterial disease, Infection in the leg

Refer to page 26 for Juxta-Fit™ Ankle-Foot Wrap sizing.

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JUXTA-FIT™ ESSENTIALS

STANDARD LOWER LEGGING

Juxta-Fit™ Essentials is a new line of easy, cost effective, ready-to-wear compression leggings for the treatment of Lymphedema. Easy to put on and take off, the Juxta-Fit™ Essentials line offers an expanded size range to include 8 sizes with 3 full calf options. Utilizing a comfortable and breathable design, these leggings also feature the same Juxta-Fit™ Premium benefit of anti-bacterial and anti-odor treatments.

	SMALL	MEDIUM	MEDIUM FULL CALF	LARGE	LARGE FULL CALF	XL	XL FULL CALF	XXL
28CM JUXTA-FIT™ ESSENTIALS STANDARD LOWER LEGGING	70013000	70014000	70014111	70015000	70015111	70016000	70016111	70017000
36CM JUXTA-FIT™ ESSENTIALS STANDARD LOWER LEGGING	70123000	70124000	70124111	70125000	70125111	70126000	70126111	70127000

STANDARD UPPER LEGGING WITH KNEE

The new Juxta-Fit™ Essentials Upper Legging with Knee provides instantly adjustable inelastic compression for the upper leg and knee. Available in 5 standard sizes and 2 lengths, the Upper Legging with Knee features a lateral rise for additional support.

	XSMALL	SMALL	MEDIUM	LARGE	XL
45CM JUXTA-FIT™ ESSENTIALS STANDARD UPPER LEGGING WITH KNEE (LEFT)	70222017	70232017	70242017	70252017	70262017
45CM JUXTA-FIT™ ESSENTIALS STANDARD UPPER LEGGING WITH KNEE (RIGHT)	70223017	70233017	70243017	70253017	70263017
55CM JUXTA-FIT™ ESSENTIALS STANDARD UPPER LEGGING WITH KNEE (LEFT)	70322017	70332017	70342017	70352017	70362017
55CM JUXTA-FIT™ ESSENTIALS STANDARD UPPER LEGGING WITH KNEE (RIGHT)	70323017	70333017	70343017	70353017	70363017

EACH ESSENTIALS PACKAGE INCLUDES
Package contents vary. Please call Customer Service at 1-800-CIRCAID (247-2243) for details.
An instructional DVD is available upon request.

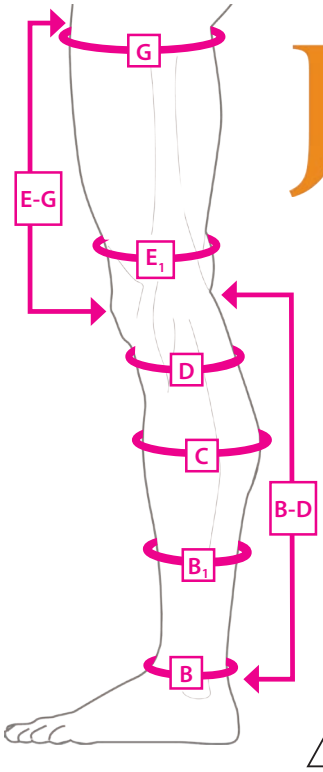
COMPONENTS
Nylon, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema, other forms of Edema: Venous, Post Traumatic, Post Surgical, "Lipedema", Varicose Veins (all types), Chronic Venous Insufficiency ("CVI"), Venous Stasis Disease, Venous Valvular Insufficiency ("VVI"), Venous Insufficiency, Post Thrombotic Syndrome, Venous Ulcer (Stasis Ulcer), Angiodysplasia, Post Sclerotherapy, Thrombosis Prevention, Venous Eczema, Lipodermatosclerosis

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, Septic Phlebitis, Decreased or absent sensation in the leg, Allergy to compression material, Moderate peripheral arterial disease, Infection in the leg

Refer to page 26 for Juxta-Fit™ Ankle-Foot Wrap sizing.

LOWER LEGGING CIRCUMFERENCE MEASUREMENTS			
SIZE	B 5cm above ankle	B_1 15cm above ankle	C 25cm above ankle
SMALL	15-23cm	20-28cm	30-38cm
MEDIUM	20-28cm	25-33cm	36-43cm
MEDIUM FULL CALF	20-28cm	33-40cm	43-50cm
LARGE	25-33cm	30-38cm	41-48cm
LARGE FULL CALF	25-33cm	38-46cm	48-56cm
XL	30-38cm	33-41cm	41-51cm
XL FULL CALF	30-38cm	41-51cm	51-61cm
XXL	33-41cm	43-53cm	53-64cm
LENGTH MEASUREMENT B-D			
SHORT = under 36cm		**LONG** = over 36cm	



JUXTA-FIT™ PREMIUM & ESSENTIALS

STANDARD LEGGING SIZING CHARTS

UPPER LEGGING WITH KNEE CIRCUMFERENCE MEASUREMENTS			
SIZE	D 5cm below patella	E_1 5cm above patella	G groin
X-SMALL	27-35cm	37-48cm	46-62cm
SMALL	31-41cm	42-55cm	54-70cm
MEDIUM	35-46cm	50-65cm	60-80cm
LARGE	40-52cm	58-76cm	69-90cm
XL	44-58cm	66-87cm	77-101cm
LENGTH MEASUREMENT E-G			
SHORT = under 35cm		**LONG** = over 35cm	

NOTE: The maximum limb circumference for Standard Juxta-Fit™ Essentials are 64cm for the Lower Legging and 101cm for the Upper Legging with Knee. If your patient exceeds these measurements, Juxta-Fit™ Premium custom options are available for order, contact Customer Service at (800) CIRCAID (247-2243) or orders@circaid.com for assistance.

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JUXTA-FIT™ ESSENTIALS

CUSTOM ARMSLEEVE

Tired of struggling with elastic compression sleeves everyday? Then the Juxta-Fit™ Armsleeve is a perfect alternative enabling the patient to don the sleeve with a single hand.

Based on the same inelastic, adjustable design as our Juxta-Fit™ leg garments, the Juxta-Fit™ Armsleeve provides the compression management needed to maintain a healthy and active lifestyle. And with the Comfort CoverUp™ you can make a fashionable appearance throughout the day.

The adjustability of the custom made design enables the garment to accommodate a **5% increase or 10% reduction** in arm size and still fits comfortably.

	ITEM NUMBER
CUSTOM JUXTA-FIT™ ARMSLEEVE	06219027

EACH PACKAGE INCLUDES
1 - Juxta-Fit Armsleeve™
1 - Comfort CoverUp™
1 - Instructional DVD

COMPONENTS
Nylon, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Severe arterial insufficiency, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, Septic Phlebitis, Decreased or absent sensation in the arm, Allergy to compression material, Moderate peripheral arterial disease, Acute infection

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EACH PACKAGE INCLUDES
1 - Juxta-Fit Armsleeve™
1 - Comfort CoverUp™
1 - Instructional DVD

COMPONENTS
Nylon, Polyurethane, Spandex, Silver, Satin Acetate
This product does not contain Latex.

INDICATIONS
Lymphedema

CONTRAINDICATIONS
Severe arterial insufficiency, acute infection

JUXTA-FIT™ ESSENTIALS

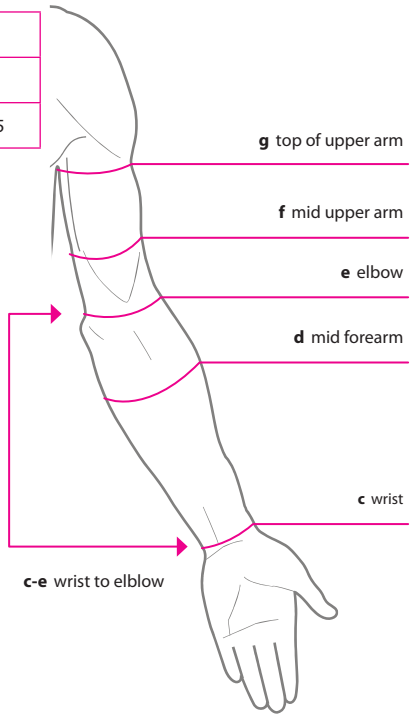
STANDARD ARMSLEEVE

The Juxta-Fit™ Standard Armsleeve provides the same effective inelastic adjustable gradient compression as the Juxta-Fit™ Custom Armsleeve. The comfortable design, available in six standard sizes and two lengths for either left or right arms, gives coverage from the wrist to underarm. It can be worn day and night, allowing the patient to manage their Lymphedema while maintaining an independent lifestyle. The garment is covered by a six month limited warranty and includes a Comfort CoverUp™.

	1	2	3	4	5	6
RIGHT STANDARD	06210721	06210722	06210723	06210724	06210725	06210726
RIGHT LONG	06220821	06220822	06220823	06220824	06220825	06220826
LEFT STANDARD	06210727	06210728	06210729	06210730	06210731	06210732
LEFT LONG	06220827	06220828	06220829	06220830	06220831	06220832

STANDARD ARMSLEEVE CIRCUMFERENCE MEASUREMENTS (cm)						
	1	**2**	**3**	**4**	**5**	**6**
g top of upper arm	28-32	30-34	32-37	35-40	38-44	42-48
f mid upper arm	26-30	28-32	30-35	33-38	36-41	39-45
e elbow	25-28	27-30	29-32	31-34	33-36	36-40
d mid forearm	23-26	25-28	27-30	29-32	31-34	33-37
c wrist	15-17	17-19	19-21	21-23	23-25	25-28

LENGTH MEASUREMENTS (cm)		
	standard	**long**
c-e wrist to elbow	up to 25	over 25



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JUXTA-FIT™ ESSENTIALS

CUSTOM GLOVE

The Juxta-Fit™ Glove gives hand coverage from the wrist to mid-fingers. The garment can be made to fit almost any hand shape and is covered by a six month limited warranty.

	ITEM NUMBER
JUXTA-FIT™ GLOVE (CUSTOM)	06240002
JUXTA-FIT™ GLOVE WITH DORSUM STRAP (CUSTOM)	06240003
JUXTA-FIT™ DORSUM STRAP (CUSTOM)	03800017

DORSUM STRAP

The Juxta-Fit™ Dorsum Strap makes a perfect addition to the Juxta-Fit™ Custom Glove. It can be independently adjusted to provide additional compression to the back of the hand.

EACH PACKAGE INCLUDES
1 - Juxta-Fit™ Glove
1 - Juxta-Fit™ Removal Strap

COMPONENTS
Nylon, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema

CONTRAINDICATIONS
Severe arterial insufficiency, acute infection

JUXTA-FIT™ ESSENTIALS

STANDARD HAND WRAP

The Juxta-Fit™ Hand Wrap gives hand coverage from the wrist to the base of the fingers. The garment is adjustable and available in five standard sizes.

	XSMALL	SMALL	MEDIUM	LARGE	XL
JUXTA-FIT™ HAND WRAP (RIGHT)	06230001	06231001	06232001	06233001	06234001
JUXTA-FIT™ HAND WRAP (LEFT)	06235001	06236001	06237001	06238001	06239001

EACH PACKAGE INCLUDES
1 - Juxta-Fit™ Hand Wrap

COMPONENTS
Nylon, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema

CONTRAINDICATIONS
Severe arterial insufficiency, acute infection

JUXTA-LITE™

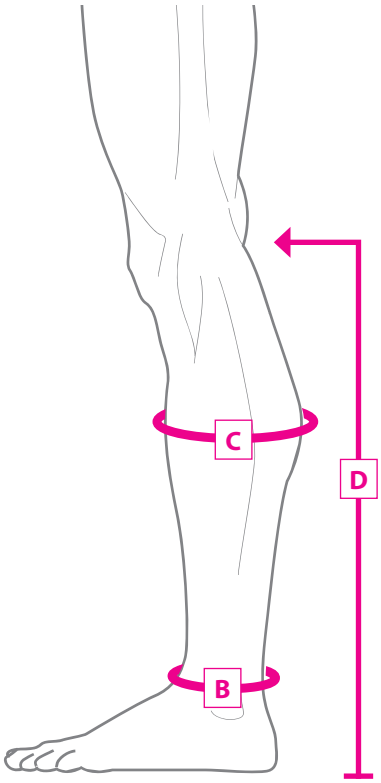
STANDARD LEGGING

Juxta-Lite™, best known as an alternative to elastic compression stockings for the treatment of chronic venous insufficiency, is also an excellent product for the treatment of mild to moderate Lymphedema of the lower leg. Because of its thinner and lighter material, Juxta-Lite™ is not recommended for severe cases of Lymphedema.

Juxta-Lite™ is an inelastic, instantly adjustable compression garment made from Breath-o-Prene® and can be worn day and night eliminating the need to struggle with bandaging or elastic compression stockings. Available in 8 standard sizes with 2 lengths, Juxta-Lite™ can fit most patients. Juxta-Lite™ also includes a six-month warranty.

CIRCUMFERENCE MEASUREMENTS		
SIZE	**B**	**C**
SMALL	19-22cm	25-36cm
MEDIUM	22-27cm	33-44cm
MEDIUM FULL CALF	22-27cm	44-54cm
LARGE	25-32cm	41-51cm
LARGE FULL CALF	25-32cm	51-61cm
XL	30-37cm	37-48cm
XL FULL CALF	30-37cm	48-61cm
XXL	35-42cm	53-64cm

LENGTH MEASUREMENT		
	SHORT	**LONG**
D	under 44cm	over 44cm



NOTE: The maximum limb circumference for the Juxta-Lite™ standard legging is 64cm. If your patient exceeds this measurement, custom options are available for order, call CircAid® Customer Service at (800) CIRCAID (247-2243) for assistance.

	SMALL	MEDIUM	MEDIUM FULL CALF	LARGE	LARGE FULL CALF	XL	XL FULL CALF	XXL
28CM JUXTA-LITE™ SHORT LEGGING with ANKLETS	23023017	23024017	23024117	23025017	23025117	23026017	23026117	23027017
33CM JUXTA-LITE™ SHORT LEGGING with ANKLETS	23033017	23034017	23034117	23035017	23035117	23036017	23036117	23037017

EACH PACKAGE INCLUDES
1 - Juxta-Lite™ Compression Legging
1 - Pair of Comfort Compression Anklets™
1 - Comfort Leg Liner™
1 - Built-in Pressure System™ Guide Card
An instructional DVD is available upon request.

COMPONENTS
Nylon, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Mild to Moderate Lymphedema, Chronic Venous Insufficiency, Post Sclerotherapy, Venous Stasis Ulcers, Post Thrombotic Syndrome, Dependent Edema and Varicose Veins

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Decompensated Congestive Heart Failure, Septic Phlebitis, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

Refer to page 27 for Juxta-Lite™ Ankle-Foot Wrap sizing.

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JUXTA-CURES™
COMPRESSION ULCER RECOVERY SYSTEM

Juxta-CURES™ (Compression Ulcer Recovery System™) is an instantly adjustable, inelastic multi-layer compression system that may be used by hospitals and clinicians as a secondary dressing for the treatment of open venous stasis ulcers. This patented* bandaging alternative is easy to use, comfortable to wear, and can help improve healing rates.

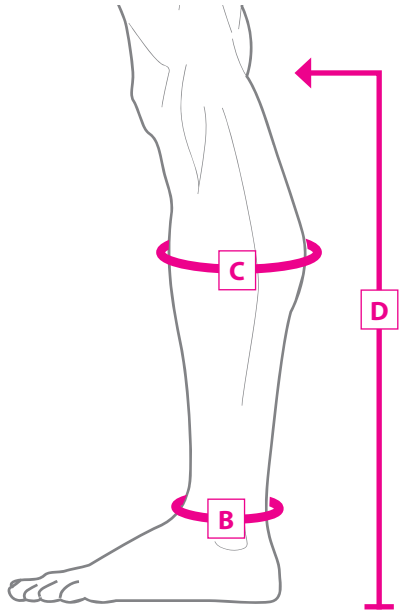
The Juxta-CURES™ Built-In Pressure System™ allows patients with venous stasis ulcers or mixed arterial-venous disease to set the compression to an acceptable prescribed level[8]. Verifying the correct level of applied pressure is simple with the BPS™ guide card, just measure, verify and adjust – you can't do that with bandages!

EACH SYSTEM INCLUDES
1 - Juxta-CURES™ Multi-Layer Compression Legging
1 - Pair of Comfort Compression Anklets™
1 - Pair of Comfort Leg Liners™
1 - Built-in Pressure System™ Guide Card
1 - Disposable Paper Measuring Tape
6 - Velcro® Stays
An instructional DVD is available upon request.

COMPONENTS
Nylon, Polyethylene Plastic, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Venous Insufficiency, Venous Stasis Ulcers, Post Thrombotic Syndrome, Dependent Edema

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Decompensated Congestive Heart Failure, Septic Phlebitis, Phlegmasia Cerula Dolens, Decreased or Absent Sensation in the Leg, Allergy to Compression Materials, Moderate Peripheral Arterial Disease, Infection in the Leg



CIRCUMFERENCE MEASUREMENTS		
	B	C
MINIMUM	19cm	25cm
MAXIMUM	42cm	64cm

LENGTH MEASUREMENT			
	SHORT	STANDARD	LONG
D	under 44cm	44-49cm	over 49cm

NOTE: Juxta-CURES™ leggings will fit a 19cm - 42cm ankle circumference and a 25cm - 64cm calf circumference. Juxta-CURES™ leggings will not accommodate more than a 30cm increase in circumference from the ankle to the calf measurement. If your patient exceeds these measurements, custom compression garments are available for order.

	SHORT	STANDARD	LONG
TRIAL BOX: TWO (2) SHORT AND TWO (2) STANDARD JUXTA-CURES™ COMPRESSION SYSTEMS)	24005017		N/A
ONE (1) JUXTA-CURES™ COMPRESSION SYSTEM	24001017	24002017	24002317
BOX OF FIVE (5) JUXTA-CURES™ COMPRESSION SYSTEMS	24003017	24004017	24004317

CIRCAID by medi

*PATENT PENDING

READY-FIT™

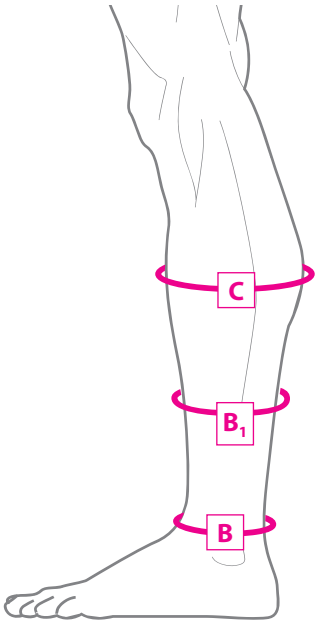
STANDARD LEGGING

Ready-Fit™ Standard Leggings are inelastic, non-stretch compression garments that feature an interlocking band system for easy maintenance of Lymphedema.

	SMALL	MEDIUM	LARGE	XL	XXL
STANDARD READY-FIT™ LOWER LEGGING	53303017	53304017	53305017	53306017	53307017

LEGGING CIRCUMFERENCE MEASUREMENTS			
SIZE	B 5cm above ankle	B_1 15cm above ankle	C 25cm above ankle
SMALL	15-23 cm	20-28 cm	30-38 cm
MEDIUM	20-28 cm	25-33 cm	36-43 cm
LARGE	25-33 cm	30-38 cm	41-48 cm
XL	30-38 cm	36-46 cm	46-56 cm
XXL	33-41 cm	43-53 cm	53-64 cm

NOTE: The maximum limb circumference for the Ready-Fit™ and Classic-Flex™ standard legging is 64cm. If your patient exceeds this measurement, custom options are available for order, call CircAid® Customer Service at (800) CIRCAID (247-2243) for assistance.



EACH PACKAGE INCLUDES
1 - Compression Legging
1 - Comfort EZ Single-Band Ankle-Foot Wrap™
1 - Pair of Comfort Knee-High Socks™
1 - Instructional DVD

READY-FIT™ COMPONENTS:
Polyethylene Plastic, Nylon, Neoprene, Satin Acetate

CLASSIC-FLEX™ COMPONENTS:
Neoprene, Nylon, Polyethylene, Satin Acetate
These product does not contain Latex.

INDICATIONS
Lymphedema, other forms of Edema: Venous, Post Traumatic, Post Surgical, "Lipedema", Varicose Veins (all types), Chronic Venous Insufficiency ("CVI"), Venous Stasis Disease, Venous Valvular Insufficiency ("VVI"), Venous Insufficiency, Post Thrombotic Syndrome, Venous Ulcer (Stasis Ulcer), Angiodysplasia, Post Sclerotherapy, Thrombosis Prevention, Venous Eczema, Lipodermatosclerosis

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Septic Phlebitis, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

CLASSIC-FLEX™

STANDARD & CUSTOM LEGGINGS

Classic-Flex™ inelastic, non-stretch compression garments feature an interlocking band system ideally suited for reduction needs and are available in Standard Classic-Flex™ or Custom Classic-Flex™ options.

Each custom made garment is designed to fit the contours of almost any leg and may include foam inserts to shape the limb.

	SMALL	MEDIUM	LARGE	XL	XXL
STANDARD CLASSIC-FLEX™ LOWER LEGGING	23413017	23414017	23415017	23416017	23417017
CUSTOM CLASSIC-FLEX™ LOWER LEGGING	23419017				

CIRCAID by medi

"In addition to the therapeutic benefit, the longevity of the garments has been astonishing. Thank you on behalf of patients for making the Graduate™. I recommend this garment without hesitation."

-Kathy Stiner, Certified Lymphedema Therapist

PADDED GRADIENT COMPRESSION SYSTEMS

GRADUATE™

CUSTOM LEGGING

The Graduate™ features inelastic bands that tighten around a soft, comfortable foam liner. Through the use of "D-rings" and measuring guides, tightening and adjusting to gradient compression levels are easy to achieve. The foam liner ensures smooth comfortable compression for the lower leg including the foot. The Graduate™ comes with an integrated boot piece which covers the ankle and foot area completely including additional padding for the malleoli.
Note: The Graduate™ is available in custom sizes only.

	ITEM NUMBER
GRADUATE™ LEGGING (BELOW KNEE)	23519017
GRADUATE™ LEGGING (WHOLE LEG)	06449727
GRADUATE™ BOOT	38239027

EACH PACKAGE INCLUDES
1 - Graduate™ Compression Legging
2 - Gradient Measuring Cards
1 - Comfort CoverUp™ (Whole Leg only)
1 - Comfort Knee-High Socks™ or
1 - Comfort Thigh-High Socks™
1 - Instructional DVD

COMPONENTS
Primarily Nylon, Polyethylene Plastic, Cotton, Lycra®, Polyester, Neoprene, Polyurethane Foam, and Steel (D-Rings)
This product does not contain Latex.

INDICATIONS
Lymphedema, Venous Insufficiency, Venous Stasis Ulcers, Post Thrombotic Syndrome, Dependent Edema

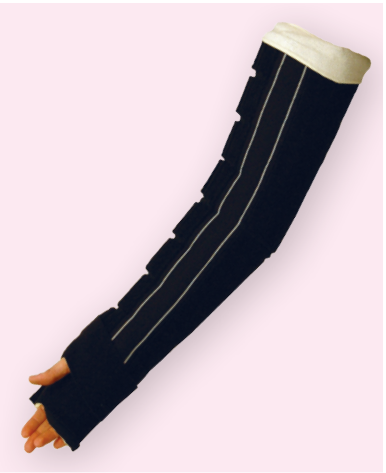
CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, Septic Phlebitis, decreased or absent sensation in the leg, allergy to compression materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

MEASURE-UP™

CUSTOM ARMSLEEVE

The Measure-Up™ features inelastic bands that tighten around a soft, comfortable foam liner. Through the use of "D-rings" and measuring guides, tightening and adjusting to gradient compression levels are easy to achieve. The foam liner ensures smooth comfortable compression to treat Lymphedema over the entire arm, including the hand.

	ITEM NUMBER
CUSTOM MEASURE-UP™ ARMSLEEVE	06389027



EACH PACKAGE INCLUDES
1 - Measure-Up™ Compression Armsleeve
1 - Hand cover
2 - Gradient Measuring Cards
1 - Comfort Arm Liner™
1 - Comfort CoverUp™
1 - Instructional DVD

COMPONENTS
Primarily Nylon, Polyethylene Plastic, Cotton, Lycra®, Polyester, Neoprene, Polyurethane Foam, and Steel (D-Rings)
This product does not contain Latex.

INDICATIONS
Lymphedema

CONTRAINDICATIONS
Severe arterial insufficiency, acute infection

"Many forms of compression are available for the patients with lower-extremity Lymphedema. The addition of CircAid® devices to this armamentarium is a significant advance and may be the most important new change in therapy to appear in the last quarter century."

- Dr. John J. Bergan, M.D., La Jolla, CA

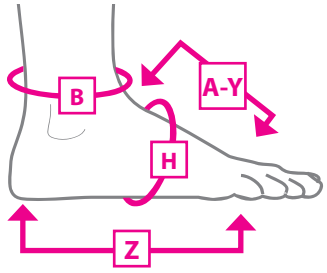
ACCESSORIES

JUXTA-FIT™ PREMIUM
STANDARD & CUSTOM ANKLE-FOOT WRAP

The Juxta-Fit™ Ankle-Foot Wrap provides ankle and foot coverage. The wrap comes in three standard sizes and can also be custom-made to fit almost any foot shape.

	SMALL	MEDIUM	LARGE
STANDARD JUXTA-FIT™ ANKLE-FOOT WRAP	38270017	38270117	38270217
CUSTOM JUXTA-FIT™ ANKLE-FOOT WRAP	38290117		

STANDARD ANKLE-FOOT WRAP ARCH CIRCUMFERENCE MEASUREMENTS			
	SMALL	**MEDIUM**	**LARGE**
A-Y	> 9 cm	> 9 cm	> 9 cm
H	19-24 cm	24-29 cm	29-34 cm
B	< 36 cm	< 36 cm	< 41 cm
Z	> 16 cm	> 16 cm	> 16 cm



NOTE: The maximum foot arch circumference for the Juxta-Fit™ Ankle-Foot Wrap is 34cm. If your patient exceeds this measurement, custom options are available.

EACH PACKAGE INCLUDES
1 - Juxta-Fit™ Ankle-Foot Wrap

COMPONENTS
Polyethylene Plastic, Polyurethane, Lycra®, Nylon, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema, other forms of Edema: Venous, Post Traumatic, Post Surgical, "Lipedema", Varicose veins (all types), Chronic Venous Insufficiency ("CVI"), Venous Stasis Disease, Venous Valvular Insufficiency ("VVI"), Venous Insufficiency, Post Thrombotic Syndrome, Venous Ulcer (Stasis Ulcer), Angio dysplasia, Post Sclerotherapy, Thrombosis Prevention, Venous Eczema, Lipodermatosclerosis

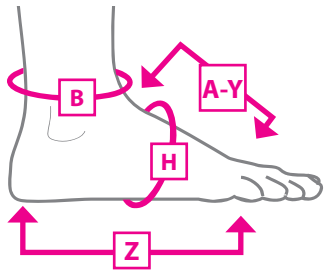
CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Septic Phlebitis, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression Materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

JUXTA-FIT™ PREMIUM
STANDARD INTERLOCKING ANKLE-FOOT WRAP

The Juxta-Fit™ Interlocking Ankle-Foot Wrap provides ankle and foot coverage. The wrap comes in three standard sizes and can fit almost any foot shape. The interlocking heel band allows for length adjustment and targeting ankle compression.

	SMALL	MEDIUM	LARGE
JUXTA-FIT™ INTERLOCKING ANKLE-FOOT WRAP	38260017	38260117	38260217

STANDARD INTERLOCKING ANKLE-FOOT WRAP ARCH CIRCUMFERENCE MEASUREMENTS			
	SMALL	**MEDIUM**	**LARGE**
A-Y	> 9 cm	> 9 cm	> 9 cm
H	19-24 cm	24-29 cm	29-34 cm
B	< 36 cm	< 36 cm	< 41 cm
Z	13-25 cm	13-25 cm	13-25 cm



NOTE: The maximum foot arch circumference for the Juxta-Fit™ Ankle-Foot Wrap is 34cm. If your patient exceeds this measurement, custom options are available (see above).

EACH PACKAGE INCLUDES
1 - Juxta-Fit™ Ankle-Foot Wrap

COMPONENTS
Polyethylene Plastic, Polyurethane, Lycra®, Nylon, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema, other forms of Edema: Venous, Post Traumatic, Post Surgical, "Lipedema", Varicose veins (all types), Chronic Venous Insufficiency ("CVI"), Venous Stasis Disease, Venous Valvular Insufficiency ("VVI"), Venous Insufficiency, Post Thrombotic Syndrome, Venous Ulcer (Stasis Ulcer), Angio dysplasia, Post Sclerotherapy, Thrombosis Prevention, Venous Eczema, Lipodermatosclerosis

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Septic Phlebitis, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression Materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

EACH PACKAGE INCLUDES
1 - Juxta-Lite™ Ankle-Foot Wrap
1 - Set of additional hook tabs

COMPONENTS
Nylon, Polyurethane, Spandex, Silver, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema, Venous Insufficiency, Venous Stasis Ulcers, Post Thrombotic Syndrome, Dependent Edema

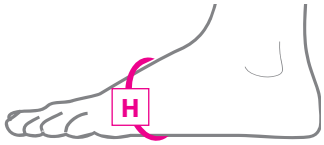
CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Septic Phlebitis, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

JUXTA-LITE™
STANDARD
ANKLE-FOOT WRAP

The Juxta-Lite™ Ankle-Foot Wrap gives ankle and foot coverage. The wrap comes in two standard sizes and can fit almost any foot shape. The Breathe-O-Prene® material is cool, light-weight, and allows the skin to breathe. The SILVERtec™ fabric treatment can help eliminate odor and the growth of bacteria. Also, the Juxta-Lite™ Ankle- Foot wrap is machine washable.

JUXTA-LITE™ ANKLE-FOOT WRAP	SMALL	MEDIUM
	38231017	38232017

ARCH CIRCUMFERENCE MEASUREMENTS		
	SMALL	MEDIUM
H	19-26cm	24-31cm



NOTE: The maximum foot arch circumference for the Juxta-Lite™ Ankle-Foot Wrap is 31cm. If your patient exceeds this measurement, the Comfort EZ Single-Band Ankle-Foot Wrap™ is available for order (see below).

EACH PACKAGE INCLUDES
1 - Comfort EZ Single-Band Ankle-Foot Wrap™

COMPONENTS
Nylon, Spandex
This product does not contain Latex.

INDICATIONS
Lymphedema, other forms of Edema: Venous, Post Traumatic, Post Surgical, "Lipedema", Varicose veins (all types), Chronic Venous Insufficiency ("CVI"), Venous Stasis Disease, Venous Valvular Insufficiency ("VVI"), Venous Insufficiency, Post Thrombotic Syndrome, Venous Ulcer (Stasis Ulcer), Angio dysplasia, Post Sclerotherapy, Thrombosis Prevention, Venous Eczema, Lipodermatosclerosis

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Septic Phlebitis, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

COMFORT™
EZ SINGLE-BAND
ANKLE-FOOT WRAP

The Comfort EZ Single-Band Ankle-Foot Wrap™ is 3" wide (7.5cm) and can be cut to fit any foot size. This wrap gives compression to the foot and ankle.

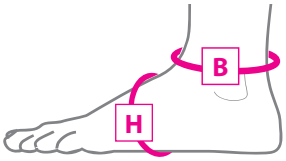
	ITEM NUMBER
COMFORT EZ SINGLE-BAND ANKLE-FOOT WRAP™ 3" (7.5CM) WIDE	38250017

COMFORT™
COMPRESSION ANKLET

Available in Standard and Large sizes, the Comfort Compression Anklet™ gives light compression to the foot and ankle and can be worn with the CircAid® lower legging or in place of an Ankle-Foot Wrap.

COMFORT COMPRESSION ANKLET™	STANDARD	LARGE
	RSANK001	RSANK002

COMFORT COMPRESSION ANKLET™ CIRCUMFERENCE MEASUREMENTS		
	STANDARD	LARGE
B	19-27cm	25-50cm
H	19-36cm	22-41cm



NOTE: The maximum foot arch circumference for the Comfort Compression Anklet™ is 36cm for the Standard size and 41cm for the Large size. If your patient exceeds these measurements, the Comfort EZ Single-Band Ankle-Foot Wrap™ is available for order (see page 25).

EACH PACKAGE INCLUDES
1 - Pair of Comfort Compression Anklets™

COMPONENTS
Nylon, Spandex
This product does not contain Latex.

INDICATIONS
Moderate Lymphedema, Chronic Venous Insufficiency, Post Sclerotherapy, Venous Stasis Ulcers, Post Thrombotic Syndrome, Dependent Edema and Varicose Veins

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Septic Phlebitis, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

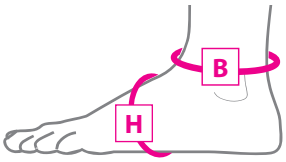
COMFORT™
PAC BAND

The Comfort Power Added Compression Band™ (PAC™) offers instantly adjustable compression targeting the ankle and arch area of the foot. Available in Standard and Large sizes, the Comfort PAC Band™ can be trimmed to fit almost every foot shape.

The lightweight and breathable material fits easily in a pair of shoes, and the Comfort PAC Band™ is designed to be paired with the Comfort Compression Anklet™ for added compression.

	STANDARD	LARGE
Comfort PAC Band™	38340017	38350017

COMFORT PAC BAND™ CIRCUMFERENCE MEASUREMENTS		
	STANDARD	LARGE
B	19-27cm	25-50cm
H	19-36cm	22-41cm



NOTE: The maximum foot arch circumference for the Comfort PAC Band™ is 36cm for the Standard size and 41cm for the Large size. If your patient exceeds these measurements, the Comfort EZ Single-Band Ankle-Foot Wrap™ is available for order (see page 25).

EACH PACKAGE INCLUDES
1 - Comfort PAC Band™

COMPONENTS
Nylon, Polyurethane, Spandex, Polyvinyl Chloride Plastisol
This product does not contain Latex.

INDICATIONS
Lymphedema, Other Forms of Edema: Venous, Post Traumatic, Post Surgical, "Lipedema", Varicose veins (all types), Chronic Venous Insufficiency ("CVI"), Venous Stasis Disease, Venous Valvular Insufficiency ("VVI"), Venous Insufficiency, Post Thrombotic Syndrome, Venous Ulcer (Stasis Ulcer), Angio dysplasia, Venous Eczema, Post Sclerotherapy, Thrombosis Prevention, Lipodermatosclerosis

CONTRAINDICATIONS
Severe Peripheral Arterial Disease, Septic Phlebitis, Decompensated Congestive Heart Failure, Phlegmasia Cerula Dolens, decreased or absent sensation in the leg, allergy to compression materials, Moderate Peripheral Arterial Disease, infection in the ankle and/or foot

"It's so easy to target my arch, where I need the most compression. The Comfort PAC Band™ works with the Comfort Compression Anklet™ to support my swollen feet, even when I'm standing all day. I no longer dread putting on my shoes in the morning!

- Debbie M., Oceanside, CA

COMFORT™

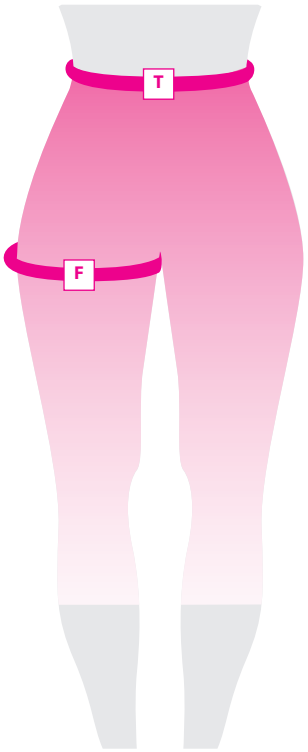
CAPRI

The Comfort Capri™ can be worn with any compression legging for added comfort and support from the waist to just below the knee.

Note: this product provides mild compression only and is not intended to take the place of a compression system.

COMFORT CAPRI™	SIZES				
	SIZE A: RCAPRI01	**SIZE B:** RCAPRI02	**SIZE C:** RCAPRI03	**SIZE D:** RCAPRI04	**SIZE E:** RCAPRI05
	SIZE F: RCAPRI06	**SIZE G:** RCAPRI07	**SIZE H:** RCAPRI08	**SIZE I:** RCAPRI09	**SIZE J:** RCAPRI10

SIZE	WAIST (T) CIRCUMFERENCE	LARGEST THIGH (F) CIRCUMFERENCE
A	63cm - 79cm	46cm - 62cm
B	67cm - 85cm	49cm - 65cm
C	72cm - 91cm	52cm - 70cm
D	76cm - 96cm	55cm - 73cm
E	81cm - 102cm	60cm - 81cm
F	85cm - 108cm	63cm - 84cm
G	90cm - 113cm	67cm - 90cm
H	94cm - 119cm	70cm - 93cm
I	99cm - 125cm	72cm - 96cm
J	103cm - 130cm	77cm - 102cm



EACH PACKAGE INCLUDES
1 - Comfort Capri™

COMPONENTS
Nylon, Cotton, Polyester, Lycra®
This product does not contain Latex.

COMFORT CAPRI™ GOES GREAT WITH:

Juxta-Fit™ Lower Legging

Juxta-Lite™ Lower Legging

CIRCAID by medi

EACH PACKAGE INCLUDES
1 - Comfort CoverUp™

COMPONENTS
Nylon, Spandex
This product does not contain Latex.

COMFORT™

COVERUP

The Comfort CoverUp™ can be worn over most compression garments for the lower leg. Its sleek design prevents compression garments from snagging clothing or irritating other parts of the body. With multiple colors available, it gives the compression garment a refined look.
Note: The Comfort CoverUp™ does not provide therapeutic compression.

	SMALL	LARGE
ARMSLEEVE COMFORT COVERUP™ (BEIGE)	RLYUN003	RLYUN004
ARMSLEEVE COMFORT COVERUP™ (BLACK)	RLYUN005	RLYUN006
ARMSLEEVE COMFORT COVERUP™ (PINK)	RLYUN007	RLYUN008
ARMSLEEVE COMFORT COVERUP™ (CUSTOM)	RLYUN009	
LOWER LEG COMFORT COVERUP™ (BEIGE)	RSOCV001	RSOCV002
LOWER LEG COMFORT COVERUP™ (BLACK)	RSOCV003	RSOCV004
LOWER LEG COMFORT COVERUP™ (CUSTOM)	RSOCV005	
WHOLE LEG COMFORT COVERUP™ (BEIGE)	RSOCV007	RSOCV008
WHOLE LEG COMFORT COVERUP™ (BLACK)	RSOCV009	RSOCV010
WHOLE LEG COMFORT COVERUP™ (CUSTOM)	RSOCV011	

COMFORT COVERUP™ LARGEST CIRCUMFERENCE	SMALL	LARGE
Largest Arm Circumference	26cm - 39cm	40cm - 60cm
Largest Calf Circumference	34cm -50cm	51cm -80cm
Largest Thigh Circumference	50cm - 71cm	72cm - 108cm

COMFORT™

LEG LINERS

The Comfort Leg Liner™ is a footless leg liner that can be worn directly against the skin underneath compression garments to provide added support and comfort.

Note: These liners do not provide therapeutic compression.

	ONE SIZE
COMFORT KNEE-HIGH LEG LINERS™	RSOCO001P
COMFORT THIGH-HIGH LEG LINERS™	RSTHBG002P
COMFORT SILVER KNEE-HIGH LEG LINERS™	RSOSS005P
COMFORT SILVER THIGH-HIGH LEG LINERS™	RSOSS006P

NOTE: The maximum limb circumference is 64cm for the Comfort Leg Liner™ and 71cm for the Comfort Silver Leg Liner™. If your patient exceeds these measurements, other liners are available for order (see page 33).

EACH PACKAGE INCLUDES
1 - Pair of Comfort Leg Liners™

COMPONENTS
Comfort Leg Liners™: Cotton, Lycra®, Microban® Antimicrobial
Comfort Silver Leg Liners™: Cotton, Nylon, Lycra®, Silver Coated Nylon Fiber

These products do not contain Latex.

COMFORT™

NON-SLIP LINER

The Comfort Non-Slip Liner™ is a disposable liner that is worn directly against the skin, underneath any compression legging. Its tacky surface aids in preventing the garment from sliding. The Comfort Non-Slip Liner™ is a non-durable, multi-use, trim-to-fit 18" x 60" (46cm x 152cm) sheet. This versatile liner can be trimmed to cover most upper or lower legs.

Note: This liner does not provide therapeutic compression.

	ITEM NUMBER
COMFORT NON-SLIP LINER™ 18" X 60" (46CM X 152CM)	RSLR0001

EACH PACKAGE INCLUDES
1 - Comfort Non-Slip Liner™

COMPONENTS
Polyester fiber and binders
This product does not contain Latex.

CIRCAID by medi

EACH PACKAGE INCLUDES
1 - Pair Comfort Sock Liners™

COMPONENTS
Comfort Knee-High Socks™: Cotton, Lycra®, Nylon
Comfort Cotton Terry Knee-High Socks™: Cotton
Comfort Silver Knee-High Socks™: Cotton, Nylon, Lycra®, Silver Coated Nylon Fiber
Comfort Stockinette™: Cotton
These products do not contain Latex.

COMFORT™

SOCK LINERS

The Comfort Sock Liners™ fit size ranges from SMALL to XXL and are available in four different varieties:

- **Comfort** - thin with added stretch
- **Cotton Terry** - extra thick for maximum comfort
- **Silver** - anti-odor, anti-microbial properties
- **Cotton Stockinette** - for patients outside the standard size ranges

Note: These liners do not provide therapeutic compression.

	ITEM NUMBER
COMFORT COTTON TERRY KNEE-HIGH SOCKS™	RSOCT001P
COMFORT COTTON TERRY THIGH-HIGH SOCKS™	RSOCT002P
COMFORT ARM LINER™ (WITH THUMBHOLE)	RLYUN001P
COMFORT KNEE-HIGH SOCKS™	RSOBG001P
COMFORT THIGH-HIGH SOCK™	RSTHBG001P
COMFORT SILVER ARM LINER™ (WITH THUMBHOLE)	RLYUN002
COMFORT SILVER KNEE-HIGH SOCKS™	RSOSS003P
COMFORT SILVER THIGH-HIGH SOCKS™	RSOSS004P
COMFORT THIGH-HIGH STOCKINETTE™ (SINGLE PLY)	RSTNA009

The maximum limb circumference for the:
- Comfort Arm Liner™ is 54cm
- Comfort Knee-High Socks™ is 64cm
- Comfort Thigh-High Socks™ is 79cm
- Comfort Cotton-Terry Knee-High Socks™ and Comfort Cotton-Terry Thigh-High Socks™ is 91cm
- Comfort Silver Arm Liner™ is 54cm
- Comfort Silver Knee-High Silver Socks™ and Comfort Silver Thigh-High Silver Socks™ is 71cm
- Comfort Thigh-High Stockinette™ (Single Ply) is 100cm

APPENDIX

Clinical References

[1] JUXTA-LITE™ IMPROVES PATIENT COMPLIANCE ENABLING HIGHER COMPRESSIONS REQUIRED TO REDUCE ULCER RECURRENCE

Two year follow-up results presented at American Venous Forum, February 2009 by Dr. D. Milic

Summary: In February 2009, Dr. Dragan Milic provided the answer to this question at the American Venous Forum meeting. Dr. Milic reported the two year follow-up results of over 320 venous stasis ulcer patients that were healed with compression bandaging and then were placed in compression stockings that provided A) an average of 25 mmHg compression at the ankle or B) an average of 40 mmHg compression. 1 out of 4 patients that received stockings that provided 25 mmHg had their ulcers come back during the 2 year period. While those who wore 40 mmHg compression stockings reduced the recurrence by 50%.

[2] JUXTA-LITE™ PROVIDES RELIABLE, REPEATABLE GRADIENT COMPRESSION

Inelastic compression legging produces gradient compression and significantly higher skin surface pressures compared with an elastic compression stocking. **Kline CN, Macias BR, Kraus E, Neuschwander TB, Angle N, Bergan J, Hargens AR. Published in *Vascular*, Volume 16, No. 1, 2008**

Summary: This study compared skin surface pressures underneath the inelastic CircAid® garment with Built-In Pressure System™ set to 40mmHg vs. an elastic 30-40 mmHg below-knee compression stocking. The CircAid® leggings produced significantly higher skin pressures than elastic leggings at both leg regions ($p<.001$). Mean pressures over all trials using the CrcAid® leggings were 47±3 and 35±2 mmHg for ankle and below-knee regions, respectively. Mean pressures using the elastic leggings over all trials were 26±2 and 23±1mmHg for ankle and below-knee regions, respectively. Only the CircAid® leggings produced a significant reverse-pressure gradient between the knee and the ankle ($p<.05$), whereas the elastic leggings did not.

[3] INELASTIC COMPRESSION INCREASES THE HEALING RATE OF VENOUS ULCERS COMPARED TO MULTI-LAYERED BANDAGING

Comparison of elastic versus nonelastic compression in bilateral venous ulcers: a randomized trial. **Blecken SR, Villavicencio JL, Kao TC. Published in *Journal of Vascular Surgery*, December 2005.**

Summary: The completed study comparing 24 extremities shows that at three months, patients wearing the inelastic CircAid® system had significantly faster ulcer healing rates as compared to patients wearing a conventional four layer elastic compression system.

[4] UTILIZING JUXTA-LITE™ CAN REDUCE THE COST OF PATIENT CARE

Comparison of Costs and Healing Rates of Two Forms of Compression in Treating Venous Ulcers. **RG DePalma, M.D., RK Spence, M.D., JA Caprini, M.D., MR Nehler, M.D., J. Jenson, D.P.M., MP Goldman, M.D. Published in *Journal of Vascular Surgery*, November 1999 Volume 33 Number 6.**

Summary: The total cost of treatment was 38% less with the CircAid® Legging and this difference was statistically significant. Healing rates were 45% faster with CircAid® garment, though this value did not reach statistical significance because of large standard deviations. Presented at the 11th Annual Meeting of the American Venous Forum, February 18-21, 1999 in Dana Point, CA.

[5] INELASTIC COMPRESSION REDUCES EDEMA MORE THAN ELASTIC COMPRESSION

Inelastic versus elastic leg compression in chronic venous insufficiency: a comparison of limb size and venous hemodynamics. **Spence RK, Cahall E. Published in *Journal of Vascular Surgery*, November 1996 Volume 24 Number 5.**

Summary: This study compared the ability of 30-40 mmHg below-knee compression stockings to the CircAid® compression garment to reduce and maintain limb circumference and to improve abnormal venous hemodynamics in 10 patients (20 limbs) with Class III CVI, defined by history, air plethysmography (APG) chronic stasis and/or ulceration. APG studies plus ankle/calf measurements were taken on separate days with no compression (B), stockings (S) and the CircAid® garment. Tests were performed at two and six hours after patients had donned new garments. Results were analyzed using non-parametric measures because of sample size. Conclusions: In this small group of patients, the CircAid® compression garment was superior to stockings in reducing and maintaining limb circumference and venous volume while decreasing reflux and improving hemodynamics in Class III CVI patients. Presented at the 8th Annual Meeting of the American Venous Forum, February 22-24, 1996 in San Diego, CA.

[6] INELASTIC COMPRESSION IS SAFER FOR 24-HOUR USE COMPARED TO ELASTIC STOCKINGS

Intramuscular pressures beneath elastic and inelastic leggings. **Murthy G, Ballard RE, Breit GA, Watenpaugh DE, Hargens AR. Published in *Annals of Vascular Surgery*, November 1994 Volume 8 Number 6.**

Summary: Alan R. Hargens, Ph.D., physiologist and Space Station Project Scientist, directed two studies in developing garments to combat the effects of microgravity in space on astronauts. The results of one study have been published in the Annals of Vascular Surgery, November 1994, entitled, "Intramuscular Pressures Beneath Elastic and Inelastic Leggings". The studies compared the effects of the inelastic CircAid® Legging and 30-40 mmHg elastic stockings on Intramuscular Pressures (IMP) in soleus and tibialis muscles taken by catheter inserted pressure transducers. IMPs, which are more relevant to tissue nutrition and venous return than surface or subcutaneous pressures, taken on 10 healthy subjects, were significantly higher with the inelastic legging than with elastic stockings. During recumbency, elastic stockings produced high surface compression. The inelastic legging did not exert such high surface compression, yet effectively generated high IMPs during standing and walking.

[7] COMFORT CAPRI™ PREFERRED OVER THIGH-HIGH ELASTIC COMPRESSION STOCKINGS BY POST VEIN ABLATION PATIENTS

John Mauriello MD, Teresa Kennerknecht, Cardiovascular and Vein Center of Florida. Pilot Study, July 2011

Summary: A pilot study to determine the suitability of the Comfort Capri™ as a compression device following great saphenous vein (GSV) ablation procedures. Comfort Capri™ and thigh-high compression stockings were applied on 7 women who underwent bi-lateral GSV ablation. This small pilot study suggests a strong trend towards patients preferring the Comfort Capri™ for compression instead of compression stockings after GSV ablation treatment. The Capri received an equal or better rating in all categories, which suggests that patients prefer the Capri as a compression solution over the elastic stocking.

[8] JUXTA-FIT™ MORE EFFECTIVE IN REDUCING EDEMA AND MAINTAINING COMPRESSION VERSUS BANDAGES

Prospective trial comparing the effect of Juxta-Fit™ versus Trico Bandages in treating leg Lymphedema. **Damstra R, Lamprou D-A A, Partsch H. Presented at 23rd International Congress of Lymphology in Malmo Sweden, 2011.**

Summary: This study compared the ability of Juxta-Fit™ lower legging in reducing edema in the Lymphedema patient to a traditional inelastic multi-layer compression bandage system. The study evaluated 13 patients in each group over a 24 hour period measuring the volume reduction. The mean volume reduction for the Juxta-Fit™ group was 11.3% after 24 hours compared to 7.3% for the multi-layer bandage group. The study also confirmed that the sub-bandage pressure for the multi-layer bandage group dropped significantly over the 24 hour period while the Juxta-Fit™ group did not due to the adjustability of the garment during use. It was concluded that the self-adjustability of the Juxta-Fit™ garment enhances the efficacy of edema reduction.

[9] THE JUXTA-LITE™ BUILT-IN PRESSURE SYSTEM™ HELPS PATIENTS WITH MIXED ARTERIAL-VENOUS DISEASE

Compression therapy in mixed ulcers increases venous output and arterial perfusion. **Giovanni Mosti, MD,a Maria Letizia Iabichella, MD,a and Hugo Partsch, MD,b Lucca, Italy and Vienna, Austria. Published in *Journal of Vascular Surgery*, January 2012 Volume 55 Number 3.**

Summary: This study showed that patients with mixed arterial-venous disease had improved venous pumping function with compression levels applied up to 40mmHg without impeding the arterial perfusion. The Juxta-Lite™ BPS™ system allows the user to adjust compression levels to 20-30mmHg or 30-40mmHg below this level.

[10] THE JUXTA-FIT™ ARMSLEEVE PROVIDES BENEFICIAL SEGMENTAL ARM COMPRESSION

Segmental Limb Volume Change as a Predictor of the Onset of Lymphedema in Women With Early Breast Cancer. **Stout N, Pfalzer L, Levy E, McGarvey C, Springer B, Gerber L, Soballe P. Published in *PMR 2011*, 3:1098-1105.**

Summary: A research study in which 196 patients' arm volumes were measured in 10cm increments, starting at the wrist. This measuring method was conducted preoperatively as well as 1, 3, 6, 9, and 12 months postoperatively. Of the 196 test subjects, 46 women developed breast-cancer related Lymphedema in an average time of 6.9 months postoperatively. When compared to the patient's unaffected arm (to rule out general weight gain) and with arm volumes of an age-matched control group of women without breast cancer, a significant increase in total limb volume was identified in 45 women in the Lymphedema group preoperatively (volume data was not available for 1 of the Lymphedema patients). Interestingly, the increase in arm volume was not uniform; significant volume increase was found in the 10-20cm and 20-30cm arm segments, also known as the pericubital region. The segmental increase was observed before diagnosis, at diagnosis, as well as after intervention.

Patent Information

[11] JUXTA™ SYSTEM

US Patent 7,329,232 This CircAid® innovation features the Juxta-Lock™ band system of the Juxta-Fit™, Juxta-Lite™, and Juxta-Lite CURES™. Classic compression garment band system designs include straight overlapping bands, interlocking bands, or bands used in a combination with a loop or "D-Ring" to create tension within the garment to apply pressure to the limb. CircAid®'s patented juxtaposed band system, meaning the bands alternate and pass above and below each other, introduced many advantages. Instead of the traditional method of applying one band at a time, the juxtaposed band system allows the patient to apply 2 bands at once resulting in much quicker application. Rather than having to thread a band through an opposing band or D-Ring, or tuck it underneath an opposing band, the juxtaposed bands are effortlessly pulled by each other and secured. The juxtaposed band system also allows the bands to be pulled at an angle to further fine tune the garment's fit to each patient's unique limb shape, whereas classic band systems can only be pulled directly across the limb. Finally, if the garment becomes too tight or too loose in any area, the juxtaposed bands can easily be pulled and adjusted as needed compared to traditional overlapping systems that require multiple bands to be removed to access the bands that need readjusting.

[12] BUILT-IN PRESSURE SYSTEM™

US Patent 6,338,723 This invention is the foundation of both the CircAid® Built-In Pressure System™ (BPS™) and Assured Gradient System. By measuring the amount of stretch in a compression garment wrapped around a limb of known circumference, the pressure applied to the limb can be predicted. The more tension that is applied to the garment, the further it stretches and greater compression is applied to the limb. Furthermore if the same tension is kept throughout the garment for a leg of increasing circumference, then gradient compression is obtained. These principles are incorporated into a patented simple to use system that gives patients and healthcare professionals the confidence they need with their compression therapy.

[13] BANDWIDTH GRADIENT COMPRESSION CONTROL

US Patent # 7,867,185. This CircAid® patented gradient compression method has been incorporated into custom Juxta-Fit™ designs and has eliminated the need for foam to establish gradient compression by altering the bandwidths of the garment according to the limb circumference profile. As long as each band is applied pulling at the same tension, gradient compression is achieved regardless of limb shape resulting in a more streamlined, comfortable, simpler compression protocol. Most compression garments rely on a conical limb shape to establish gradient compression by the Law of Laplace. If the tension applied throughout the compression garment is uniform, there will be higher compression at the smaller circumference (i.e. ankle or wrist) and lower compression where the circumference is larger (i.e. thigh, upper arm). While traditionally an effective method, this means that if the limb does not present a conical shape, foam most be used to build out areas of smaller circumference so that gradient compression is achieved when the garment is applied. This results in a bulkier, less comfortable, more difficult compression protocol or compromised gradient compression. With CircAid® garments, we make sure gradient compression is always achieved and in the simplest way possible.

[14] INTERLOCKING COMPRESSION GARMENT

US Patent # 5,653,244. This CircAid® innovation features the interlocking band systems of the Ready-Fit™ and Classic-Flex™ designs. Simpler than overlapping or other threaded band systems, it's a perfect match for traditional stiff fabric inelastic compression garment designs. It allows for quick adjustments without completely undoing all bands in the garment or having to re-thread the band to a new sizing positions.

Terms and Conditions

Payment Terms: Net 30 days

Shipping Terms: All shipments are F.O.B. shipping point. Standard orders exceeding seven hundred dollars ($700) after discounts receive FREE FREIGHT!

Custom Made and Special Orders for mediven products: Please allow one to two (1-2) weeks for delivery. Custom orders and special orders are non-cancelable and non-returnable.

Custom Made CircAid® Orders: Guaranteed to be delivered five (5) days from the date of the completed order. Applicable freight charges apply.

Return Policy: Merchandise may not be returned without a 'Return Authorization Number' issued by Customer Service.

Time Limit Restrictions on Return of Merchandise: Thirty (30) days for unused and restockable merchandise; Ten (10) days for damages, shortages, billing or shipping disputes.

Applicable Fees:

- Defective merchandise will be replaced at no charge after evaluation. There is a twenty percent (20%) restocking charge on all merchandise returns; thirty percent (30%) restocking/reboxing fee if reboxing of merchandise necessary.
- A credit memo will be issued to your account for returns of non-defective, restockable merchandise.
- All amounts unpaid within thirty (30) days of invoice date are subject to finance charges at the rate of one-and-a-half percent (1.5%) per month on the unpaid balance. Also, all costs with collections and reasonable attorney fees will be borne by the customer in the event this invoice is placed for collection or suit is filed.

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JUXTA-FIT™ PREMIUM & ESSENTIALS

JUXTA-LITE™

Description	Juxta-Fit™ is the ideal inelastic compression garment for most Lymphedema patients.		Juxta-Lite™ is the perfect alternative to elastic compression stockings.
Indication for use	PREMIUM	ESSENTIALS	
Mild Lymphedema	X	X	X
Moderate Lymphedema	X	X	X
Severe Lymphedema	X	X	
Venous Disease	X	X	X
Limb Coverage			
Custom Hand		X	
Standard Hand		X	
Custom Arm		X	
Custom Upper Leg & Knee	X		
Standard Upper Leg & Knee		X	
Custom Lower Leg	X		
Standard Lower Leg	X	X	X
Custom Foot	X		
Standard Foot	X		X
Fabric Type			
Short Stretch	X	X	
No Stretch			
Padded			
Activity			
Active	X	X	X
Sedentary	X	X	X
24 Hour Use	X	X	X
Garment Lifespan	12 - 24 months	6 - 12 months	6 - 12 months
Compression Type	Inelastic	Inelastic	Inelastic
Special Features	* Anti-microbial & anti-bacterial fabric treatment * Adjustable Juxta-Lock™ bands * Machine washable * Assured compression levels with BPS™		* Anti-microbial and anti-bacterial fabric treatment *Adjustable Juxta-Lock™ bands *Machine washable * Assured compression levels with BPS™

Graduate™ & Measure-Up™

Graduate™ and Measure-Up™ are perfect for patients with severe Lymphedema that desire structured, padded garments to give maximum comfort for nighttime or sedentary use.
X
X
X
X
X
X
X
X
X
X
X
X
12 - 24 months
Inelastic
*Assured gradient compression * Adjustable D-ring bands *Maximum comfort

Ready-Fit™ & Classic-Flex™

Ready-Fit™ and Classic-Flex™ are for patients that desire no-stretch compression garments that provide maximum stiffness and support.	
Ready-Fit™	Classic-Flex™
X	X
X	X
X	X
X	X
	X
X	X
X	X
X	X
X	X
X	X
12 - 24 months	12 - 24 months
Inelastic	Inelastic
* Adjustable interlocking bands * Stiff fabric	* Adjustable interlocking bands * Stiff fabric * Trimmable bands

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Compression for the 21st Century™

For more information on CircAid® products or to schedule a demonstration, please contact customer service by phone at **(800) 633-6334** or by email at **orders@mediusa.com**.

6481 Franz Warner Parkway, Whitsett, NC 27377
(800) 633-6334 Phone | (888) 570-4554 Fax
orders@mediusa.com | www.mediusa.com | www.circaid.com

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