Patent Information

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.

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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.

Frequently Asked Questions

HOW IS THE JUXTA-LITE™ DIFFERENT THAN OTHER INELASTIC COMPRESSION GARMENTS?
The Juxta-Lite™ is made with a thinner Breathe-O-Prene™ material and is designed with fewer and wider bands than other inelastic garments. It has a 6 month warranty and is part of the CircAid® Standard Line for the treatment of Venous Disease. The Juxta-Fit™, for example has a one year warranty and is part of the CircAid® Product Line for the treatment of Lymphedema and Venous Disease. Juxta-Lite™ incorporates a limited stretch fabric that provides a small amount of elasticity which may cause the legging to feel less firm compared to other inelastic garments; however, elasticity improves the conformability of the garment to the limb. Also, the Juxta-Lock™ bands can be independently angled to match a leg contour.

SOME OTHER COMPRESSION GARMENTS HAVE A NON-SLIP LINING TO PREVENT SLIDING, WHY DOESN’T THE JUXTA-LITE™?
Most all of those garments use latex as the non-slip material. Many people are allergic to latex and therefore CircAid® is committed to keeping all of its products latex free. In addition to this, many of our patients suffer from poor skin conditions and the use of latex or any abrasive material would be extremely problematic. The Comfort Non-Slip Liner™ is available to help prevent and reduce garment slippage.

WHAT SIZES AND LENGTHS ARE AVAILABLE FOR THE JUXTA-LITE™?
The Juxta-Lite™ comes in standard sizes only, similar to the sizing offered in compression stockings. The sizes range from Small to XXL and come in two different lengths, 28cm and 33cm. For optimal fit, several of the Juxta-Lite™ sizes are available in a “Full Calf” version.

WHY DOES THE JUXTA-LITE™ SIZING TAKE THE LENGTH MEASUREMENT FROM THE FLOOR WHILE OTHER PRODUCTS TAKE THE LENGTH FROM THE ANKLE?
The Juxta-Lite™ is the perfect alternative to compression stockings, and as such, we have changed the Juxta-Lite™ sizing model to match that of compression stockings for quick, easy fitting.

CAN I WEAR THE JUXTA-LITE™ DIRECTLY ON MY SKIN?
In most cases yes, because many of our patients have found that the Juxta-Lite™ is so comfortable that they actually prefer to wear it directly on the skin. Many of these people have also noticed reduced slippage when doing so. A footless liner is included and sock liners are also available for order, see page 16.

THE HEEL PORTION OF MY ANKLE-FOOT WRAP HAS POCKETS WHERE THERE IS NO COMPRESSION. IS THIS OK?
The pockets on the sides of the heel are acceptable unless they cause discomfort or fluid build-up in those areas. If this is the case, try combining our Skin-Fold Kit with the Ankle-Foot Wrap to fill in behind the ankle-bone.

IF THE LEGGING FEELS TOO TIGHT WHAT DO I DO?
Re-check the bands with the BPS™ card to assure that it is tightened to the prescribed pressure range. If the bands are adjusted to the appropriate level and the garment still feels too tight, consult your physician about your prescribed pressure range. The Juxta-Lite™ should never hurt. It should feel firm but comfortable. If you experience any pain, remove it and contact your physician immediately.

CAN I CUT BANDS OFF OR CUT DOWN THE JUXTA-LITE™?
No. The Juxta-Lite™ is not designed to be cut or modified in any way except for the foot length and ankle-band which are illustrated in the Directions For Use. Making cuts anywhere else on the garment will void the warranty.

IS THE COMPRESSION ANKLET COVERED UNDER WARRANTY?
No, the anklet is not covered under warranty. Unless defective upon arrival, the anklet will not be replaced.

CAN I PUT THE JUXTA-LITE™ IN THE WASHER?
It is always best to hand wash and drip dry your CircAid® compression garments in order to extend their life. However, it is safe to machine wash your Juxta-Lite™ on a gentle cycle and dry using a low heat setting. If doing so with other clothing, it is also a good idea to put your Juxta-Lite™ into a pillow case in order to prevent the Velcro® from damaging any other clothes and to aid in keeping it free from lint.