

CleanMax[®] Cleanroom Apparel



Available in Clean Manufactured
or Clean Sterile configurations

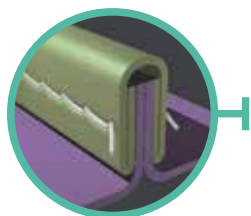
STERILE  Irradiation
Sterilization

Lakeland CleanMax[®] Cleanroom Apparel

Lakeland CleanMax[®] garments provide the comfort, quality and protection you expect, all backed by our 30+ years as a manufacturer of disposable protective apparel.

All Lakeland CleanMax[®] Apparel is:

- Fluid Repellent; Tested in accordance with ASTM 6978 for Chemotherapy Permeation
- Static Dissipative
- Open Fold for easier donning
- Resistant to blood and body fluid penetration
- Resistant to viral penetration
- Resistant to Blood Borne Pathogens
- IEST-RP-CC003 Category I Particle Cleanliness
- Latex and Silicone Free
- Compatible with ISO Class 4-8 Cleanrooms and all Controlled Environments
- Individually packaged and protective outer bag for ante areas



Bound Seams

CleanMax[®] garments feature bound seams, which are precisely sewn with an additional outer binding. This increases seam strength and provides a better barrier from particulates than simple serged seams.

CleanMax[®] Physical Properties

| Physical Property | Test Method | Units | Test Results |
|---------------------------------|-------------|-------------------------|----------------|
| Basis Weight | ASTM D3776 | oz/y2 | 1.55 oz/y2 |
| Grab Tensile MD | ASTM D5034 | lbs. | 22.0 lbs. |
| Grab Tensile XD | ASTM D5034 | lbs. | 14.0 lbs. |
| Trapezoidal Tear MD | ASTM D1117 | lbs. | 9.0 lbs. |
| Trapezoidal Tear CD | ASTM D1117 | lbs. | 5.8 lbs. |
| Ball Burst | ASTM D3787 | lbs. | 19.0 lbs. |
| Air Permeability | ASTM D737 | cfm | <0.562 cfm/ft2 |
| Water Vapor Transmission | ASTM 96-80 | g/m ² -24hrs | 663.38 |
| Bacterial Filtration Efficiency | ASTM F2101 | % | 99.999% |
| Particle Filtration Efficiency | ASTM F2299 | % | 99.999% |

CE 0321



EN ISO 13982-1
:2004 +A1:2010



EN 13034
:2005 +A1:2009



EN 1073-2:2002
TIL = Class 1



EN 14126:2003
(Type 5B, 6B)

 **Lakeland[®]**

CleanMax® Configurations



CTL191



CTL417



CTL428



CTL713



CTL903



CTL850

Clean Manufactured Garments

**Frock
CTL191CM**

- Mandarin collar
- Zipper closure
- No pockets
- Tunneled elastic wrists with thumb loops
- Sizes: M – 5X
- Case Pack: 30

**Coverall
CTL417CM**

- Zipper closure
- Tunneled elastic on wrists (with thumb loops), ankles, and back half of waist
- Sizes: M – 5X
- Case Pack: 25

**Coverall
CTL428CM**

- Zipper closure
- Attached hood
- Tunneled elastic on wrists (with thumb loops), ankles, and back half of waist
- Sizes: M – 5X
- Case Pack: 25

**Hood
CTL713CM**

- Covers shoulders
- One size
- Ties to customize fit
- Case Pack: 100

**Boot Cover
CTL903CMP**

- Tunneled elastic top
- 19" high
- Non-skid Vinyl sole
- Sizes: S/M, L/XL, 2X
- Case Pack: 50 pair

**Sleeve
CTL850CMP-18**

- Bound seams
- Tunneled elastic
- Thumb loops
- Size: 18" length
- Case Pack: 50 pair

Clean Sterile Garments



Clean Sterile

- Certificate of Radiation included
- Gamma radiation indicator dots on each package
- IPA resistant ink

**Coverall
CTL417CS**

- Zipper closure
- Tunneled elastic on wrists (with thumb loops), ankles, and back half of waist
- Sizes: M – 5X
- Case Pack: 25

**Coverall
CTL428CS**

- Zipper closure
- Attached hood
- Tunneled elastic on wrists (with thumb loops), ankles, and back half of waist
- Sizes: M – 5X
- Case Pack: 25

**Hood
CTL713CS**

- Covers shoulders
- One size
- Ties to customize fit
- Case Pack: 100

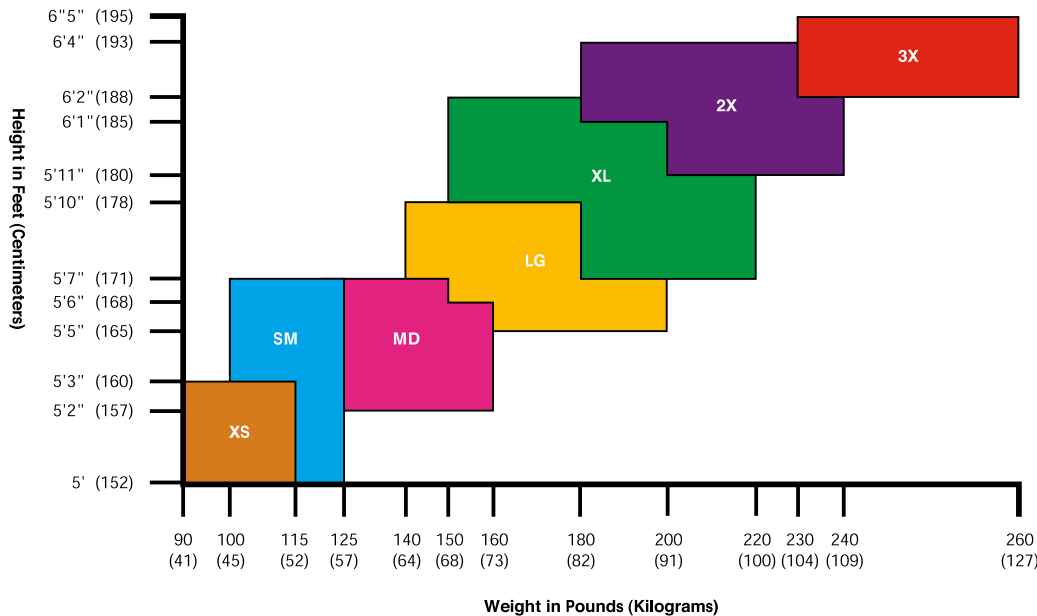
**Boot Cover
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- Tunneled elastic top
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- Sizes: S/M, L/XL, 2X
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**Sleeve
CTL850CSP-18**

- Bound seams
- Tunneled elastic
- Thumb loops
- Size: 18" length
- Case Pack: 50 pair

Recommended Sizing Chart for Limited Use and Disposable Coveralls



Clean Sterile Garments and Packaging

CleanMax® Clean Sterile garments are sterile to a sterility assurance level of 10⁻⁶ SAL, and are compatible with ISO Class 4-8 Cleanrooms and all Controlled Environments.

Bulk Packing in a single overlay bag is available on CleanMax Clean Manufactured (Non-sterile) Frocks, Coveralls, Boots and Hoods.



800-645-9291 | 256-350-3873 | info@lakeland.com | lakeland.com/cleanmax

Warning: Cleanroom apparel should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Cleanroom fabrics should have slip-resistant materials on the outer sole of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.