

3 Layer Aluminized Heat Resistant Suit

Lakeland Aluminized garments are made up with Otego (Dickson) 4585 Pre-Oxidize Aramid Aluminized Fabric. with Reflespace technology. The garments are designed for personnel engaged in maintenance, repair, and operational tasks in areas of low ambient and high radiant heat and molten metals splash hazard area. Our aluminized garments are highly demanding in steel & aluminum industries now days.

3 Layer Aluminized Jacket



Design of Jacket:

- Length of the Jacket 34"
- 4" over lapping front closure with Velcro and push buttons.
(1st Closure is Velcro and 02nd closure is push button)
- High raise collar with throat guard.
- Stitched with FR and Mechanically strong Kevlar thread

Advantages

- Excellent behavior to molten metal splash
- Good radiant heat resistance
- Outstanding mechanical resistance
- Light weight
- Very supple and comfortable
- Odorless

Outer Layer: Otego 4585 Pre oxidized Para Aramid Aluminized Fabric

2nd Layer Thermal Barrier: Woolen Fabric

Inner Layer: 100% Cotton FR Fabric



Lakeland - 3LAHS

Outer Layer: Otego (Dickson) 4585 Reflespace® Technology Aluminized Fabric

Description	4585 Peroxidase Aramid Aluminized Fabric (Carbon/Aramid)
Coating Face	Reflespace Technology
Certifications	EN ISO 11612 (Pass A1, B1, C3, D3, E3, and F1)

Outer Layer: Characteristics & Certification

	Test Method	Metric
Areal Weight	ISO EN2286-2A	515g/ m ² ±5%
Tear Strength EN ISO 4674-1		
Warp		8 daN
Weft		9 daN
Folding EN ISO5981 (1000g)		
Warp		500 UN
Weft		500 UN
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010
Radiant heat/ Protective clothes – ISO 6942	C3	ISO EN 11612:2010
Molten Alu. splash/ protective cloth – ISO 9185	D3	ISO EN 11612:2010
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010
Contact heat for protective clothes – ISO 12127	F1	ISO EN 11612:2010

Inner Layer: Characteristics & Certification

Fabric Weight	330/m ² ±5%	
Fabric Composition (Inherently Flame Retardant)	100% FR Cotton	
Fabric Certification	EN11612	
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010
Limited flame propagation – ISO 15025-B	A2	ISO EN 11612:2010
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010
Radiant heat/ Protective clothes – ISO 6942	C2	ISO EN 11612:2010
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010
Contact heat for protective clothes – ISO 12127	F1	ISO EN 11612:2010
Protective Clothing General Requirement EN13688:2013	pH Value	Pass
Oeko-Tex		Pass

3 Layer Aluminized Trouser

Lakeland Aluminized garments are made up with Otego (Dickson) 4585 Pre-Oxidize Aramid Aluminized Fabric. with Reflespace technology. The garments are designed for personnel engaged in maintenance, repair, and operational tasks in areas of low ambient and high radiant heat and molten metals splash hazard area. Our aluminized garments are highly demanding in steel & aluminum industries now days.

ALM Pant/Trouser:

- Trouser with waistband adjustment elastic
- Trouser will be supplied with Suspender
- Stitched with FR and Mechanically strong Kevlar thread

Advantages

- Excellent behavior to molten metal splash
- Good radiant heat resistance
- Outstanding mechanical resistance
- Light weight
- Very supple and comfortable
- Odorless



Outer Layer: Otego 4585 Pre oxidized Para Aramid Aluminized Fabric

2nd Layer Thermal Barrier: Woolen Fabric

Inner Layer: 100% Cotton FR Fabric

Outer Layer: Otego (Dickson) 4585 Reflespace[®] Technology Aluminized Fabric

Description	4585 Peroxidase Aramid Aluminized Fabric (Carbon/Aramid)
Coating Face	Reflespace Technology
Certifications	EN ISO 11612 (Pass A1, B1, C3, D3, E3, and F1)

Outer Layer: Characteristics & Certification

	Test Method	Metric
Areal Weight	ISO EN2286-2A	515g/ m ² ±5%
Tear Strength EN ISO 4674-1		
Warp		8 daN
Weft		9 daN
Folding EN ISO5981 (1000g)		
Warp		500 UN
Weft		500 UN
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010
Radiant heat/ Protective clothes – ISO 6942	C3	ISO EN 11612:2010
Molten Alu. splash/ protective cloth – ISO 9185	D3	ISO EN 11612:2010
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010
Contact heat for protective clothes – ISO 12127	F1	ISO EN 11612:2010

Inner Layer: Characteristics & Certification

Fabric Weight	330/m ² ±5%	
Fabric Composition (Inherently Flame Retardant)	100% FR Cotton	
Fabric Certification	EN11612	
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010
Limited flame propagation – ISO 15025-B	A2	ISO EN 11612:2010
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010
Radiant heat/ Protective clothes – ISO 6942	C2	ISO EN 11612:2010
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010
Contact heat for protective clothes – ISO 12127	F1	ISO EN 11612:2010
Protective Clothing's General Requirements EN13688:2013	pH Value	Pass
Oeko-Tex		Pass

3 Layer Aluminized Hood with Gold Reflective Visor

Lakeland Aluminized garments are made up with Otego (Dickson) 4585 Pre-Oxidize Aramid Aluminized Fabric. with Reflespace technology. The garments are designed for personnel engaged in maintenance, repair, and operational tasks in areas of low ambient and high radiant heat and molten metals splash hazard area. Our aluminized garments are highly demanding in steel & aluminum industries now days.



Design of Hood:

- The hood covers up to the chest level for additional protection to neck & Chest.
- Two wing lock provided in both the sides to hold the hood firmly and for stability in its position.
- The Hood is provided with FRP Helmet
- EN166 certified 6"X10" wide panoramic view Gold reflective visor
- The visor is easily replaceable when required.
- Stitched with FR and mechanically strong Kevlar thread



Advantages

- Excellent behavior to molten metal splash
- Good radiant heat resistance
- Outstanding mechanical resistance
- Light weight
- Very supple and comfortable & Odorless

Outer Layer: Otego 4585 Pre oxidized Para Aramid Aluminized Fabric

2nd Layer Thermal Barrier: Woolen Fabric

Inner Layer: 100% Cotton FR Fabric

Outer Layer: Otego (Dickson) 4585 Reflespace® Technology Aluminized Fabric

Description	4585 Peroxidase Aramid Aluminized Fabric (Carbon/Aramid)
Coating Face	Reflespace Technology
Certifications	EN ISO 11612 (Pass A1, B1, C3, D3, E3, and F1)

Outer Layer: Characteristics & Certification

	Test Method	Metric	
Areal Weight	ISO EN2286-2A	515g/ m ² ±5%	
Tear Strength EN ISO 4674-1			
Warp		8 daN	
Weft		9 daN	
Folding EN ISO5981 (1000g)			
Warp		500 UN	
Weft		500 UN	
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010	
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010	
Radiant heat/ Protective clothes – ISO 6942	C3	ISO EN 11612:2010	
Molten Alu. splash/ protective cloth – ISO 9185	D3	ISO EN 11612:2010	
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010	
Contact heat for protective clothes – ISO 12127	F1	ISO EN 11612:2010	

Inner Layer: Characteristics & Certification

Fabric Weight	330/m ² ±5%	
Fabric Composition	100% FR Cotton	
Fabric Certification	EN11612	
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010
Limited flame propagation – ISO 15025-B	A2	ISO EN 11612:2010
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010
Radiant heat/ Protective clothes – ISO 6942	C2	ISO EN 11612:2010
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010
Contact heat for protective clothes – ISO 12127	F1	ISO EN 11612:2010
Protective Garments General requirements EN13688	pH Value	Pass
Oeko-Tex		Pass

3 Layer Aluminized Hand Gloves

Lakeland Aluminized garments are made up with Otego (Dickson) 4585 Pre-Oxidize Aramid Aluminized Fabric. with Reflespace technology. The garments are designed for personnel engaged in maintenance, repair, and operational tasks in areas of low ambient and high radiant heat and molten metals splash hazard area. Our aluminized garments are highly demanding in steel & aluminum industries now days.

Design of Hand Gloves Cover:

- 14” Length
- Five Fingere Hand Gloves
- Kevlar Palm
- Stitched with FR and mechanically strong Para Aramid Kevlar thread.



Advantages

- Excellent behavior to molten metal splash
- Good radiant heat resistance
- Outstanding mechanical resistance
- Light weight
- Very supple and comfortable & Odorless

Outer Layer: Otego 4585 Pre oxidized Para Aramid Aluminized Fabric

2nd Layer Thermal Barrier: Woolen Fabric

Inner Layer: 100% Cotton FR Fabric

Outer Layer: Otego (Dickson) 4585 Reflespace[®] Technology Aluminized Fabric

Description	4585 Peroxidase Aramid Aluminized Fabric (Carbon/Aramid)
Coating Face	Reflespace Technology
Certifications	EN ISO 11612 (Pass A1, B1, C3, D3, E3, and F1)

Outer Layer: Characteristics & Certification

	Test Method	Metric
Areal Weight	ISO EN2286-2A	515g/ m ² ±5%
Tear Strength EN ISO 4674-1		
Warp		8 daN
Weft		9 daN
Folding EN ISO5981 (1000g)		
Warp		500 UN
Weft		500 UN
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010
Radiant heat/ Protective clothes – ISO 6942	C3	ISO EN 11612:2010
Molten Alu. splash/ protective cloth – ISO 9185	D3	ISO EN 11612:2010
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010

Contact heat for protective clothes – ISO 12127 | F1 | ISO EN 11612:2010

Inner Layer: Characteristics & Certification

Fabric Weight	330/m ² ±5%	
Fabric Composition	100% FR Cotton	
Fabric Certification	EN11612	
Limited flame propagation – ISO 15025-A	A1	ISO EN 11612:2010
Limited flame propagation – ISO 15025-B	A2	ISO EN 11612:2010
Convective heat/ protective clothes – ISO 9151	B1	ISO EN 11612:2010
Radiant heat/ Protective clothes – ISO 6942	C2	ISO EN 11612:2010
Metal Splash/ Protective clothes – ISO 9185	E3	ISO EN 11612:2010
Contact heat for protective clothes – ISO 12127	F1	ISO EN 11612:2010
Protective Clothing General Requirement EN13688:2013	pH Value	Pass
Oeko-Tex		Pass