

700/705 Series Proximity Suits



Left, the 700 Series Proximity Suit, featuring a coat and pants. Right the 705 Series Proximity Coverall.

Lakeland's 700 and 705 Series Proximity Suits are designed for performance of maintenance and repairs in high heat areas. Workers wearing these proximity garments are insulated from harm by Lakeland's unique, proven multi layer construction, with the outer layer composed of high temperature Aluminized Glass. An additional moisture/steam barrier lining provides protection in areas where exposure to hot liquids, steam, or hot vapor is a possibility. Redesigned for better fit, the 700 and 705 Series Suits are available in coverall or coat and pant styles.

The coverall or the coat and pant styles are available with an SCBA accommodation, if required. The 700 Series Suit comes complete with a hood, gold reflective faceshield, coat, pants, mitts and boots. The 705 Series Coverall comes complete with a hood with gold reflective faceshield, coverall, boots and mitts. Both series are offered in sizes Small, Medium, Large and Extra Large. Individual replacement components are available. Handy duffel/storage bags are also available.

The 700/705 Series Proximity Suits are not to be used for fire entry.



HEAT RESISTANT CLOTHING

Caution! Do Not Confuse Ambient, Conductive and Radiant Heat!

The following definitions are given as reference in selecting the proper clothing for heat protection.

Ambient Heat is surrounding atmospheric temperature in a given situation. Examples are: 65°F-70°F (18°C-21°C) in an office; 1600°C in a fire walk.

Conductive Heat is generated by direct contact with a hot surface. Examples are: picking up a burning block at 600°F (315°C); leaning against a furnace wall at 1000°F (537°C).

Radiant Heat is generated by the sun or source of fire, such as a fireplace or furnace, and is absorbed by masses of material struck by the heat's rays. This is why it is cooler in the shade on a sunny, hot day.

EN11611:2007 Requirements

Program	Test Method	Standard Requirements	
		1 class	2 class
Flame resistance performance	ISO 15025-A ISO 15025-B	The mean value of after flame time and afterglow time is less 2 seconds. No melt or molten debris, no holes and no flame to the top or the edge.	
Resistance to molten metal splash	ISO 9150	≥15drops	≥25drops
Radiation heat	ISO 6942 (20kW/m²)	RHTI 24 ≥ 7s	RHTI 24 ≥ 16s



EN11612:2008

Program	Test Method	300 suits	500 suits
Flame resistance performance	ISO 15025-A	A1	A1
	ISO 15025-B	A2	A2
Convective heat(B)	ISO 9151	B1	B1
Radiation heat(C)	ISO 6942(20kW/m²)	C3	C2
Contact heat(F)	ISO 12127	F1	F1



Fabric Structure

300 Series	Outer Shell	100% Aluminized Glass	900 Series	Outer Shell	100% Aluminized Glass
	Liner	None		Liner	1. Fiberglass Insulation
400 Series	Outer Shell	Kevlar Aluminized			2. AL Foil
	Liner	None			3. AL Foil
500 Series	Outer Shell	100% Aluminized Glass			4. Fiberglass Insulation
	Liner	Neoprene Coated Nylon			5. White Fiberglass
700 Series	Outer Shell	100% Aluminized Glass		Liner	
	Liner	1. AL Foil			
		2. Fiberglass Insulation			
		3. Neoprene Coated Nylon			

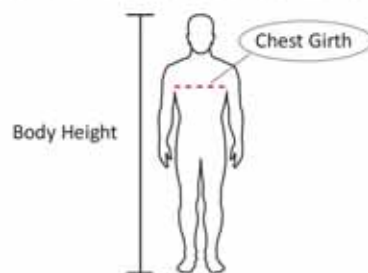
Sizes: (300、400、500、700 Series)

Please select the appropriate size for your chest, girth, and height. Selection of the correct sizes aids comfort and durability of the garment.

Garment Sizes	Chest Girth (cm)
XS	165-169
S	170-174
M	175-179
L	180-184
XL	185-189
XXL	190-200

Sizes: (900 Series)

Model Numbers	Body Height (cm)	Body Weight(kg)
900/SS	165-175	63-75
900/R	176-185	76-95



The 900 suit is tailored to be worn with a self-contained breathing apparatus (SCBA) for protection in hostile atmospheres.



700/705 SERIES PROXIMITY SUITS

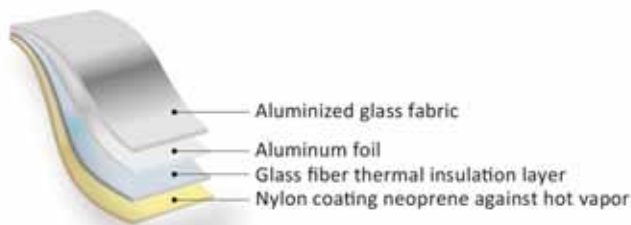
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Left, the 700 Series Proximity Suit, featuring a coat and pants. Right the 705 Series Proximity Coverall.



FEATURES

Fyrepel's 700 and 705 Series Proximity Suits are designed for performance of maintenance and repairs in high heat areas. Workers wearing these proximity garments are insulated from harm by Fyrepel's unique, proven multi layer construction, with the outer layer composed of high temperature Aluminized Glass. An additional moisture/steam barrier lining provides protection in areas where exposure to hot liquids, or hot vapor is a possibility. Redesigned for better fit, the 700 and 705 Series Suits are available in coverall or coat and pant styles.

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KEY APPLICATIONS

700 and 705 Series Proximity Suits are used by industries which bake on finishes, such as auto, office furniture, and appliance manufacturers. The Proximity Suits may also be used in oven and conveyor repair.

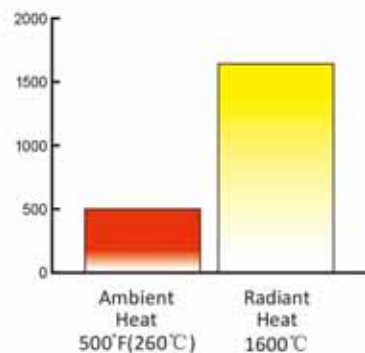
MODEL NUMBERS

700BA	Proximity Suit complete, SCBA accommodation.	with SCBA	1 Suit/ Case
700	Proximity Suit complete.		1 Suit/ Case
705BA	Proximity Coverall complete, SCBA accommodation.	with SCBA	1 Suit/ Case
705	Proximity Coverall complete.		1 Suit/ Case

SUIT COMPONENTS

709	Proximity Hood	use with coverall with SCBA
710LG	Proximity Hood	
722BA	Proximity Coverall	with SCBA
722	Proximity Coverall	
720BA	Proximity Coat	with SCBA
720	Proximity Coat	
730	Proximity Pants	
755	Proximity Boots	
740	Proximity Mitts	

HEAT TOLERANCES



The graphs above are provided for relative comparison of radiant and ambient heat performance of Lakeland's Industrial Heat Protective Clothing. The temperatures indicated are extrapolated from laboratory tests and ARE NOT intended to indicate suitability for use at these temperatures. Individual physiology, work conditions, and the work being performed are too variable to make recommendations for use based only on temperature and exposure time.

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ACCESSORIES



323-42AG
Approach Apron



325-48AG
Approach Apron

These versatile approach aprons offer superior protection against radiant heat. Non-insulated aprons are available in surgeon styles and in various lengths. The non-insulated styles are offered in aluminized glass.



320-50 AG Approach Coat



320-32 AG/BA Approach Coat with optional SCBA accommodation

- Non-insulated approach coats are offered in both the 300 and 500 Series styles. The 500 series has the added benefit of a moisture/steam barrier lining. These coats are ideal as replacements for lost or worn suits, or as the primary protector in situations where only a coat is required. Both the 300 and 500 series are available in aluminized glass or aluminized Nomex®.
- Replacements coats for 300 and 500 Series suits are offered in 32" (76 cm) lengths. Additional coats are available in 36", 40", 46" and 50" (81 cm, 102 cm, 127 cm) lengths. Coats are offered in sizes Small, Medium, Large, and Extra Large. Also available with SCBA accommodation.



336-18AG Aluminized Sleeves

Indispensable where workers may make accidental contact with hot metal, glass, or high heat surfaces. Sleeves are offered in non-insulated approach styles, in 12", 18" and 24" (30 cm, 46 cm, 61 cm) lengths.



310-1LG Approach Hood

Perfect as replacement items for our 500 and 300 series suits or coveralls, these hoods are designed for maintenance, repair and operational tasks in areas of low ambient, high radiant heat. Winglocks on faceshield make for quick and easy replacement.



330AG Approach Pants



522AG Approach Coveralls

Fyrepel non-insulated approach pants and overalls are available in either the 500 or 300 series. The 500 series added moisture/steam barrier provides protection from environments where exposure to hot liquids, steam or hot vapor is a possibility. The pants are offered in either a big or waist style, and are a compliment to the approach coats. The approach coveralls are offered with the option of SCBA accommodations. Both the 300 and 500 series are available in aluminized glass or aluminized Nomex materials. Pants are offered in sizes Small, Medium, Large, and Extra Large.



355AG / 555AG Aluminized Approach boots

The 300 series approach boots are noninsulated and are useful for maintenance and operational tasks in areas of low ambient, high radiant heat. The 355AG boots offer a texturized anti-skid neoprene sole with a substrate of high temperature glass.



Chap 332



Spat 334



344-02A
300 Series Approach Mitt



740
700 Series Proximity Mitt