

700 Series Products Specification

ALM 700 Series heat protective suit	
Products Description	Approach suits for protecting people exposed to heat, esp. extreme radiation heat for relatively prolonged periods of time.
Material	16oz./sq.yd. Aluminized BC fiberglass Stain, fiberglass insulating and Nylon fabric with neoprene coating.
Standard Style	
ALM700	Complete suit-Jacket, Pants, Hood, over boots
ALM700BA	Variant of ALM700 with breathing apparatus pouch
ALM705	Complete suit-Coverall, Hood, over boots
ALM705BA	Variant of ALM705 with breathing apparatus pouch
ALM720	Jacket with front snap fastening closures
ALM720BA	Variant of ALM720 with breathing apparatus pouch
ALM722	Coverall with front zip closure
ALM722BA	Coverall with breathing apparatus pouch
ALM725	Apron/Smock with sleeves and collar with snap fastening closures and ties to rear
ALM730	Trousers with suspender buttons and snap closures
ALM755	Over-boot with rubber sole and leather reinforced heel, snap closures
ALM710	Hood with integral visor
Sizes	S-XXXL

CE Standard	Description	Test Standard No.	Result
EN ISO 11612	Limited flame spread	ISO15025-A	A1
		ISO15025-B	A2
	Convective heat	ISO9151	B3
	Radiation heat	ISO6942 (20KW/m ²)	C4
	Contact heat	ISO 12127	F3

Material Properties(Aluminized outer)			
Test Standard No.	Description	Units	Result
ASTM D3776	Areal weight	Oz./sq. yd.	16
ASTM D1777	Thickness	mm	0.46
ASTM D5034	Breaking strength(Warp/Fill)	N	2447/1780
ASTM D1424	Tear strength(Warp/Fill)	N	CNM/111
ASTM D6413	Flame resistance		
	After flame	Second	1.0
	Char length	cm	1.3

Cleaning and Maintenances

After use, suit should be cleaned and dried before packing. Clean by gently rubbing the aluminized surface with a soft cloth or sponge with water or mild soap. If chemicals or foams have been used, wash the suit thoroughly to prevent damage to the aluminized surface. If greases or oils are on the surface, wash with a mild soap or Stoddard Solvent. Do not use soaps and Stoddard Solvent at 100% concentration. A recommended solution would be one ounce of cleaning compound per gallon of water. Be sure to rinse out the soap or solvent when cleaning is complete.

Dry garment by hanging in a well ventilated area. Do not hang in direct sunlight. Use a fan, if necessary to keep the air around the garment. Dry clean or machine wash is not allowed. Don't use any compounds containing ammonia, chlorine or other oxidizing or abrasive agents when cleaning. Before reassembly and storage always ensure that the suit is completely dry. Not allowed to storage the risk wet or with any chemical contamination. Small blackened areas can be renewed and repaired with our Touch Up Kit to maintain an efficient reflective surface. If the burned or damaged area is extensive, it should be replaced. Examine for rips tears, make prompt repairs.

Storage

Improper storage may result in permanent damage to the protective suit and increase your risk. Store your protective suit in an area that is:

- Clean, dry and well ventilated, room temperature and out of direct sunlight.
- Away from sharp objects, tools or other equipment that can physically damage suits.
- Away from potential contaminants.
- Equipped with heavy duty hangers to hang the garments after use.

Lakeland Asia Pacific

Unit 503, Building B, Sinolight Plaza, NO.4 Wangjing Qiyang Road, Chaoyang District, Beijing 100102, P.R. China

T: +86 10 64379226 F: +86 10 64379918

Email: sales-ap@lakeland.com

Web: www.lakeland.com