

# 400 Series Products Specification

<b>ALM 300 Series heat protective suit</b>	
<b>Products Description</b>	Approach suits for protecting people exposed to heat, esp. extreme radiation heat for relatively prolonged periods of time.
<b>Material</b>	19oz. /sq.yd. Aluminized Kevlar fabric. Thickness 1.14mm
<b>Model Numbers</b>	
400BA	Approach Suit complete, SCBA accommodation
400	Approach Suit complete
405BA	Approach Coverall complete, SCBA accommodation
405	Approach Coverall complete
<b>Sizes</b>	XS-XXL

<b>Material Properties</b>			
<b>Test Standard No.</b>	<b>Description</b>	<b>Units</b>	<b>Result</b>
ASTM D3776	Areal weight	Oz./sq. yd.	19
ASTM D1777	Thickness	mm	1.14
ASTM D5034	Breaking strength(Warp/Fill)	N	1779/667
ASTM D1424	Tear strength(Warp/Fill)	N	CNM/200
ASTM D6413	Flame resistance		
	After flame	Second	2.0
	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.

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