



## HEAT-X (HX5W73KV) Fire Proximity Kit

### Description

Aluminized workwear are important part of our Personal Protective Equipment(PPE) plan for workers exposed to molten metal splash or radiant heat. These are primary protective clothing designed to reflect radiant heat and protect workers from burns when working in high temperature environments.

These are made from woven fabrics including a FR base fabric, layers of Aluminium. This kit consists with :

- Jacket
- Trousers
- 14" Hand Gloves
- 14" Leg-guard
- Hood with Helmet and Mica Visor
- Storage Bag

### INDUSTRY

Metal	Oil & Gas
Mining	Cement
Automotive	Heavy Engineering
Power Distribution	Construction

### SPECIAL FEATURES



IFR



LIGHT WEIGHT



FLEXIBLE



DURABLE

### FEATURES

- Skin friendly fabric
- Protection against molten metal
- Protection against high radiation heat
- FR performance will remain same during the working life
- The hi-tech fabric will not cause any itchiness, stiffness

### APPLICATIONS

- Metal Foundries & smelting operations
- Pot Room & Blast Furnace
- Casting, Forging & heat treating
- Metal Fabrication & Foundry Equipment Maintenance
- Energy & Utilities

### STORAGE

- May be stored in the dark for upto 2 years
- Do not store in direct/high heat or sunlight at this may distort the properties of the fabric
- Can be stored and transported in their original cartons at ambient temperature

**HEATX**™

Outer Shell  
EN ISO 11612:2015



A1 B1 C3 D3 E3 F1

Inner Shell  
EN ISO 11612:2015



A1 B1 C1 F1

EN 388 : 2016



A B C D E F  
1 X 4 3 F X

EN 407:2021



A B C D E F  
4 2 4 3 4 2

FRP Helmet  
IS 2925:1984

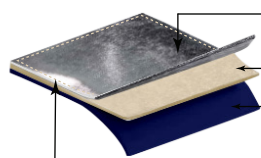


### Udyogi



STYLE	FABRIC COMPOSITION	TRIM	ACCESSORIES	MARKING
Jacket, Trousers, Hand Gloves, Leg guard, Hood	Outer shell: 100% Aluminized Para-aramid (480g/m <sup>2</sup> +5%)	<ul style="list-style-type: none"> <li>• 100% Para-aramid Thread</li> <li>• FR Velcro</li> <li>• Metal Button</li> <li>• FR Zipper</li> </ul>	<ul style="list-style-type: none"> <li>• FRP Helmet</li> <li>• Mica Visor</li> </ul>	Manufacturer Logo, Model No. Fabric Composition, Certification, Size
	Middle shell: Woolen Felt			
	Inner shell: 100% Treated FR Cotton 240 g/m <sup>2</sup>			

### FABRIC COMPOSITION



Outer Shell- Aluminized Para-aramid 480 g/m<sup>2</sup>

Woolen Felt

Inner Shell- 100% Treated FR Cotton 240 g/m<sup>2</sup>

100% Para-aramid Thread

### MODEL DESCRIPTION

Jacket	Trousers	
<ul style="list-style-type: none"> <li>• High collar</li> <li>• Press button with velcro adjustment</li> </ul>	<ul style="list-style-type: none"> <li>• Velcro adjustment</li> <li>• Press button</li> <li>• Available with belt loop</li> </ul>	<ul style="list-style-type: none"> <li>• Elasticated back of better fitting</li> <li>• Zipper closer(optional)</li> <li>• Velcro closer</li> </ul>
Leg-guard	Hood	
<ul style="list-style-type: none"> <li>• Velcro adjustment</li> <li>• Universal size</li> <li>• Hidden steel plate for better fitting (optional)</li> </ul>	<ul style="list-style-type: none"> <li>• Window panel for easy insert of Mica visor</li> <li>• Window size 150X250X1mm</li> <li>• Available with integrated helmet inserting slot</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for Mica visor</li> <li>• Suitable for any types of FRP helmet</li> </ul>

### AVAILABLE SIZES

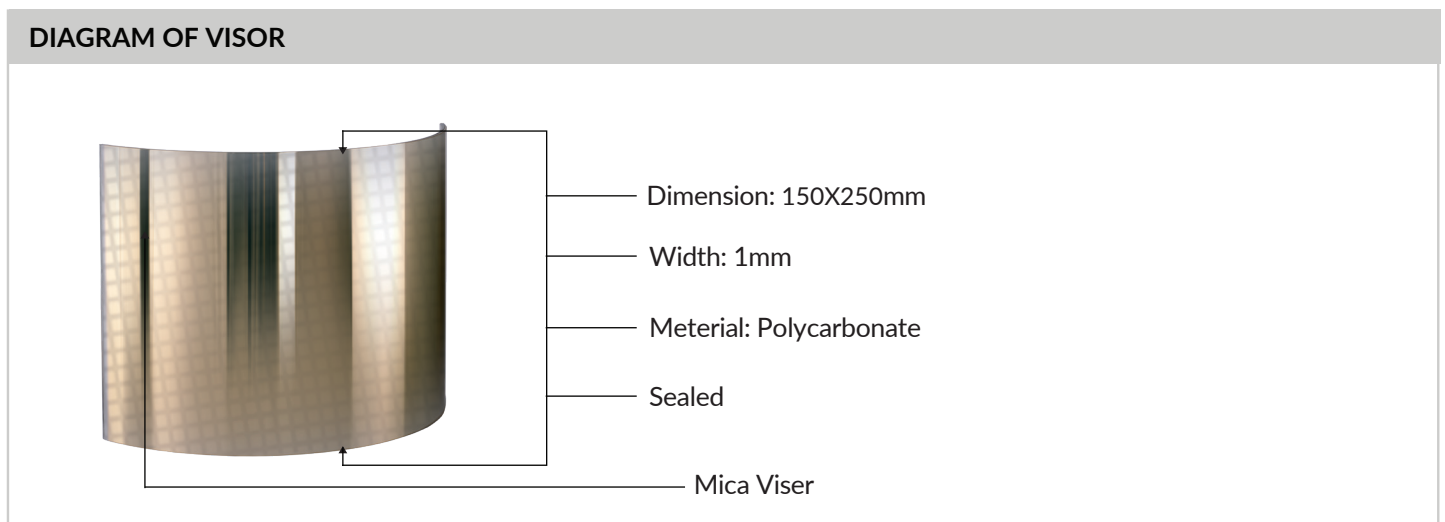
Jacket & Trousers	CLEANING	Hand Gloves & Leg-guard
S, M, L, XL & XXL	Visor:	12, 14, 16 & 18 inch

COLOUR			PACKING
Silver	<b>Workwear:</b> <ul style="list-style-type: none"> <li>• Cleaned dry with a soft brush.</li> </ul>	<ul style="list-style-type: none"> <li>• Clean with soft cloth</li> <li>• Do not use solvents or abrasives</li> </ul>	1 set per packet



EN ISO 11612:2015 - OUTER SHELL			
CODE	INSPECTION CHARACTERISTIC	STANDARD	LEVELS
A	Limited Flame spread	ISO 15025	1 ( Lowest 1, Highest 3)
B	Convective Heat	ISO 9151	1 ( Lowest 1, Highest 3)
C	Radiant Heat	ISO 6942	3 ( Lowest 1, Highest 4)
D	Liquid Molten Aluminium	ISO 9185	3 ( Lowest 1, Highest 3)
E	Liquid Molten Iron	ISO 9185	3 ( Lowest 1, Highest 3)
F	Contact Heat	ISO 12127	1 ( Lowest 1, Highest 3)

EN ISO 11612:2015 - INNER SHELL			
CODE	INSPECTION CHARACTERISTIC	STANDARD	LEVELS
A	Limited Flame spread	ISO 15025	1 ( Lowest 1, Highest 3)
B	Convective Heat	ISO 9151	1 ( Lowest 1, Highest 3)
C	Radiant Heat	ISO 6942	1 ( Lowest 1, Highest 4)
F	Contact Heat	ISO 12127	1 ( Lowest 1, Highest 3)





## DIAGRAM OF HELMET

### Thermoguard 9001LRX



### SPECIAL FEATURES



- Weight: 398 gm. approx

## CARE AND MAINTENANCE

- Chlorine bleach should never be used, this can change in the properties for which the manufacturer can assume no liability.
- Store the Aluminized Jacket, Trousers, Hand Gloves, Leg-guard, Hood by hanging dry in a well ventilated area out of direct sunlight.
- Garments for protection of close approach towards molten metals only.
- The life of garment depends on use & exposure.
- Rubbing against rough or sharp edges is particularly harmful to the outer layer.
- Rough handling, folding and abrasion should be avoided.