



## HEAT-X (HX5W73HD6J) Fire Proximity Hood

**CERTIFICATION :** FABRIC- EN 11612:2015;  
VISOR- EN 171, EN 166  
HELMET- IS 2925:1984;

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

SPECIAL FEATURES			
IFR	LIGHT WEIGHT	FLEXIBLE	DURABLE

**HEATX**™

Outer Shell  
EN ISO 11612:2015

A1 B1 C3 D3 E3 F1

Inner Shell  
EN ISO 11612:2015

A1 B1 C1 F1

FRP Helmet  
IS 2925:1984

Visor

EN 171 EN 166

CE 0196

MODEL DESCRIPTION
Window panel for easy insert of gold coated visor
Window size 495X244X1.5mm
Available with integrated helmet inserting slot
Suitable for gold, clear visor
Suitable for any types of FRP helmet

MARKING
Manufacturer Logo, Model No., Fabric Composition, Certification, Size

STYLE	FABRIC COMPOSITION	TRIM	ACCESSORIES
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> </ul>	<ul style="list-style-type: none"> <li>FRP Helmet</li> <li>Gold coated Visor</li> </ul>
	Middle shell: Woolen Felt		
	Inner shell: 100% Treated FR Cotton 240 g/m <sup>2</sup>		

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

**Udyogi**



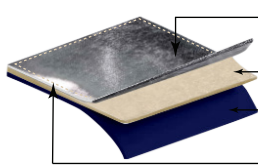
**STORAGE**

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

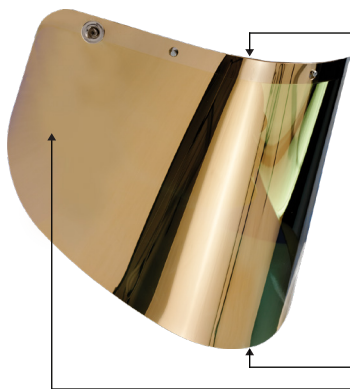
Can be stored and transported in their original cartons at ambient temperature

**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

**DIAGRAM OF VISOR**



- Dimension: 495X244 mm
- Width: 1.5 mm
- Material: Polycarbonate
- Sealed
- Gold Coated

**SPECIAL FEATURES**



Scratch Resistance



Anti-fog

**DIAGRAM OF HELMET**

**Thermoguard 9001LRX**



- FRP (Fibre-reinforced Plastic)
- 44mm
- Chin-strap(PP)

- Weight: 398 gm. approx



- Nylon
- Dia: 53cm - 60cm
- HDPE
- Brushed cloth on foam
- 4-point Textile ratchet fit suspension

**SPECIAL FEATURES**



Protection against Radiant heat





Impact Resistance




Crack Resistance



COLOUR	CLEANING		PACKING
 Silver	<b>Hood:</b> <ul style="list-style-type: none"> <li>Cleaned dry with a soft brush.</li> </ul>	<b>Visor:</b> <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)

**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 hood by hanging dry in a well ventilated area out of direct sunlight.
- Hood for protection of close approach towards molten metals only.
- The life of hood 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.

**Udyogi**