



HI-TECH THERMAL INSULATIONS PVT LTD

(AN ISO 9001:2008 Certified Company)

Offering Welding & Fire Safety Products



- ❖ Welding blankets
- ❖ Fire blankets
- ❖ Fire Suits
- ❖ Ultra heat protection gloves
- ❖ Welding curtains
- ❖ Cable protection sleeves
- ❖ Welding burging tapes
- ❖ Fire and smoke barrier
- ❖ Flexible Fire Exit curtains



HI-TECH THERMAL INSULATIONS PVT. LTD.

402, The Great Eastern Galleria, Plot no.20, sector- 4, Nerul,
Navi Mumbai- 400 706. Maharashtra (India)

Ph : 91-22-27712448, 27719154, Fax : 91-22-27718801

Website: www.htiinsulation.com Email: sales@htiinsulation.com

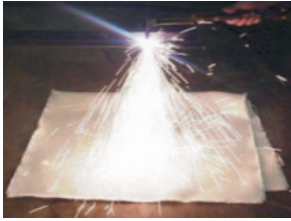
India Ratings
& Research



ISO 9001 - 2008



WELDING & FIRE BLANKETS, FIRE SUIT & HIGH TEMPERATURE GLOVES



Welding & Fire Blankets



Transparent Welding curtain



Hi-Temperature Hand Gloves



Heat Reflective Apron & Safety Shoes



Aluminized Fire Suit



Nomex Fire Suit



Cobalt Blue Goggle for Rediant Heat Protection

Safety Products

Hi-Tech Safety division offers wide range of high standard safety products on ex-stock basis. Specialized in high temperature textiles, Fire & welding and fire blankets, UV Transparent welding curtains, foot mats, safety clothing.

Fire & Welding Blankets and furnace curtains

Item Code	Product Type	Temperature	Thickness (mm)	Size (W / L)
WB-SIL600 / WB-SIL1000	Ultra Sil Fabrics	1649°C	0.8, 1.1, 1.4	36" x 50 mtrs.
WB-CG3	Ceramic Fabrics (SS/GL/VC)	1260°C	2,3,5	40" x 50 mtrs.
WB-GLV816	Vermitech FG fabric	816°C	1, 1.6	40" x 50 mtrs.
WB-GLG1000	Graphite Coated Fabric	750°C	1, 1.6	40" x 50 mtrs.
WB-GL2025	Fiber glass Fabric	545°C	0.4, .8, 1.2, 1.6	40", 60" x 50 mtrs.

Availability (mtr x mtr.) : Size : 1x1, 1x2, 1x3 , 2x2, 2x3, 4x4 and as per custom size

The Blankets are stitched with high temperature thread, with eyelets and high temperature loops for fastening/ hanging arrangements on all four sides. These Blankets are strictly tested as per British Standards and CE Certified.,

Available in different sizes as per customer requirements.

High temperature Hand Gloves & Aprons : Hi-Tech specialized in designing Ultra heat resistant hand gloves & Aprons for welding, handling red hot objects and rediant heat protection. Different grades are mentioned below :

Item Code	Item Description	Size (length)	Applications
HG-KF-680	Dupont kevlar hand Gloves	14", 16", 18", 22"	Heavy duty welding, handling sharp objects and thermal protection
HG-KL-680	Dupont Kevlar leather hand gloves	14", 16", 18"	Welding applications and thermal protection
HG-AKA-327	Aluminised Dupont Kevlar gloves	14", 16"	Used for radiant heat & poking applications
HG-PD-700	Vermitech Gloves Padded for handling red hot objects	14", 16", 18"	Used for lifting red hot objects
AP-AGL-36 / AP-AGL-38	Aluminised Glass Apron	24" X36", 48"	Used for rediant heat protection & welding spatars
AP-AK-36	Aluminised Kevlar Apron	24" X36", 48"	Used for rediant heat protection & welding spatars
CBF-HTI	Cobalt Blue Goggle	Standard Size	Protection from molten metal & rediant heat for eyes

Fire Suits :

Type	Particulars
FS-AGL-480	Made from heat reflective and fire resistant aluminized glass fabric with Fire retardant lining available in single or Multilayer Stitched with high temperature Kevlar (Dupont) and Teflon glass thread. The complete suit consists of hood, coat, pant, gloves and shoes with storage bag. Material tested as per BS 476 Part 20,
FS-AKA-327	Made from heat reflective and fire resistant aluminized Kevlar fabric with Fire retardant lining available in single or Multilayer Stitched with high temperature Kevlar (Dupont) and Teflon glass thread. The complete suit consists of hood, coat, pant, gloves and shoes with storage bag. Material tested as per Mil-C-87076A confirms flamability tests according to EN 532 & EN407
NX-SHT	Made from Single layer Delta C. Dupont nomex fabric available in coat, pant, hand gloves and overall. Made as per EN 470 & 531 Norms
NX-MHT	Made from Dupont 220 gms, light weight Delta C Nomex Fabric followed by nomex felt, vapour barrier and cotton cool lining. suit consists of Coat, pant and Gloves. Made as per EN 470 & 531 Norms

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WELDING BACKING / BURGING TAPE & CABLE PROTECTION SLEEVES



Electrical Shock Resistant Gloves

Electrical Shock Resistant Gloves / Mats

- Made from specially compounded latex for Complete Insulation.
- Seamless construction.
- Conforms to IS 4770
- 100 % shock Proof.
- Available in 5 KV to 33 KV

Availability Size: 18" Long

High Temperature Welding Backing /burging Tape

These are flexible adhesive insulation tapes used in back welding applications,. The adhesive nature of tape and its flexibility helps for quick and easy installation during welding applications.

Quick facts

- Quick & easy installation over the weld joints
- Helps to obtain uniform weld joints
- Reduces operation difficulty and saves 50% of work time.
- no gas pressure pit. It can ensure the quality of the formation of weld point
- Offers good Thermal stability and electrical resistance
- Improves quality of welding
- Tape available in roll form and can be easily cut and applied at site

Availability: 2" width x 10mtr. Roll,.

Heat Treating/Stress Relieving Jackets

HI-TECH stress relieving Blankets; These Blankets are made from alumina silica fiber insulation,. Encapsulated with high temperature cloth . These are reusable and prevents heat loss and avoids quick cooling of the heated equipment.

Different Types of stress relieving Blankets :

Product Type	Temperature	size
HTI545	400 to 545°C	500mmx 25mmthkx10mtr.Roll /customized
HTI1000	800 to 1000°C	500mmx25mmthkx10mtr.Roll/customized

Applications : for preheating, dehydrogenation and post weld heat treatment applications in heavy engineering, metallurgy, foundry, nuclear equipments etc.,.

Cable Protection Sleeves

HTI-PJ-M16	Silicon - Iorn Oxide bulk fiber glass pyro- jacketed sleeves for weather & heat resistant from 360°C to 1650°C able to withstand molten metals and heat	20, 25,50,75,100	10mtr. Roll
HTI-AR-F25	Abrasion heat resistant welding cable protection sleeves	20, 25,50	30mtr. Roll

HTI Fire safe curtain & flame barrier

A Revolution in Flexible Fire Protection

When Seeking an Integrity only smoke and flame barrier Fire Halt SF leads the way. High performance coupled with low cost.

Integrity Only

A lower cost option smoke and flame barrier where integrity only is the requirement of the barrier within a fire engineered solution.

Performance

Firesafe SF provided Integrity to 120 minutes when tested at Warrington Fire Research Center to BS 476 parts 20/22

Test Report Number : WARRES 106497

Product Details

Integrity 120

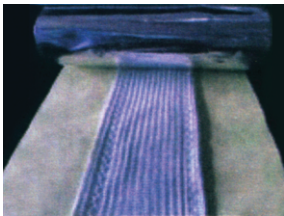
Lightweight	0.45 kg/m ²
Thin	0.45 mm
Clean and Safe To Handle	No respirable fibres. No potentially Harmful chemical Treatments
Easy and Quick to install	No special tools, adhesives or Fixing required
Fit from one Side only	Save time, save money

Availability

Length	25.0m	Width	1.2m & (205cm)
Area	30m ²	Weight	15kg

Application areas

Firesafe curtain use in restaurants, airports, malls, kitchen fire compartments, hospitals, building towers, plant protection, fire prone areas.



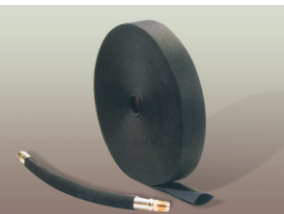
Welding burging tape



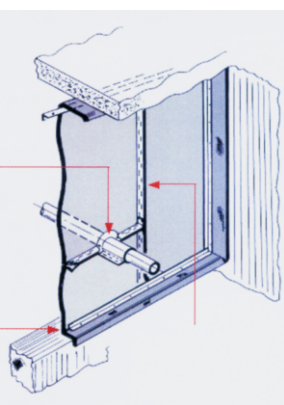
Stress relieving blankets



Bulk fiber glass pyro- jacketed sleeves



Welding cable protection sleeves



Fire Halt Smoke & Flame Barrier

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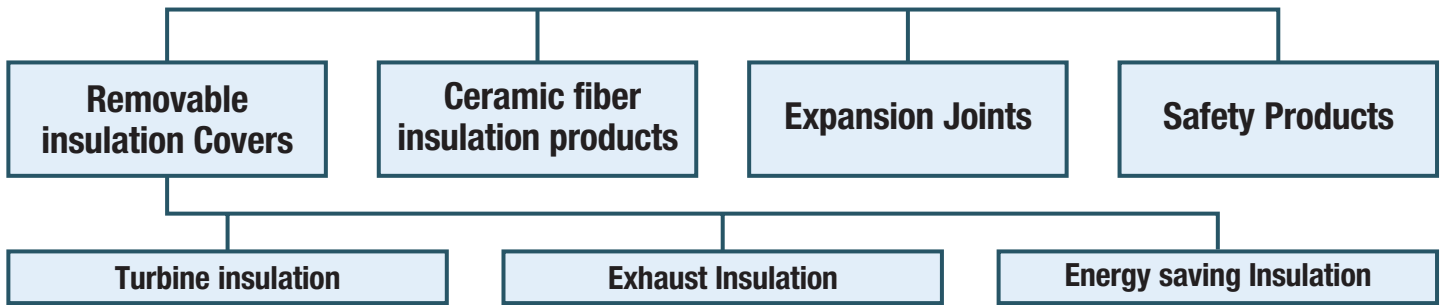
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PRODUCT DIVISIONS



Hi-Tech Thermal Insulations pvt ltd., The only Integrated manufacturer and supplier of wide range of Removable Insulation Covers for Turbine & Exhaust Insulation, high temperature technical fabrics, Expansion joints, Energy Saving insulation covers ,ceramic insulation products & Safety Products, covering varieties of industrial applications with an ultimate objective to replace asbestos.

HI-TECH over two decades serving to Petrochemicals, Steel, Power, Cement, Nuclear, Heavy Engineering, DG set manufacturers, Automotive, shipbuilding Industry, Defense R&D and many more..... Exports to Gulf, Europe, Malaysia, Russia, South Africa through our OEM Partners,.

Hi-Tech backed up by highly qualified professionals, engineers who are expertized in the field of thermal management applications over decades. We at Hi-Tech Thermal, engineered to work for Ultra- high temperature applications upto 2,000° C.

At Hi-Tech Research is an ongoing process Not merely developing new products ? But also reducing the "processing and purchasing costs of our customers"

Production Capabilities & Infrastructure :

Our comprehensive line and custom fabrication capabilities covers to an area of 15000sq.mtrs. in Navi Mumbai and Kolhapur, can accommodate even the most extreme sizes in the manufacture of varieties of thermal insulation products. The Complete production process is thoroughly screened for consistency in the quality of the product.

ISO Certification : *Our Company updated with latest ISO Certification: ISO 9001: 2008*

Crisil Rating : *Our Company is verified by Crisil*

Global Energy- Conservation :

Realizing the global energy conservation, Hi-Tech not only confined to the supply of thermal insulation products but also offers services in helping the industry control extreme temperature applications, in recommending the appropriate innovative energy saving insulation products to its customers

Authorised Local Representative



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