THERMAL INSULATION JACKET

Overview

HITCO Thermal Insulation Jacket Heaters are engineered to prevent moisture condensation, save energy, and maintain uniform temperatures in industrial equipment. These removable and reusable jackets minimize surface heat loss, improve process efficiency, and ensure reliable operation in demanding environments.

Construction

- Low watt density flat heating element
- High temperature aluminum or SS304 enclosure
- Fibegrlass/Ceramic fibre insulation
- Silicone rubber / Fiberglass insulated lead cable
- Riveted rugged construction
- Optional mounting brackets

Features

- Uniform heating with low watt density
- Long service life
- Shock and vibration resistant
- Maintenance free design
- Ideal insulation
- Custom sizes and wattages
- PT100 / Thermostat / Thermocouple options
- Suitable for continuous industrial duty

Technical Specifications

Parameter	Specification
Operating Voltage	**48V to 415V AC (Custom Voltages Available on Request)**
Maximum Watt Density	Up to 3 W/sq.in
Maximum Operating Temperature	Up to 180°C
Temperature Sensor	PT100 RTD / Thermostat (Optional)
Temperature Control	Thermostat / PID Controller / SCR Control
Lead Cable	**As per Customer Requirements**
Ingress Protection	IP65 (IP66 Optional)

Applications

- ESP Hoppers
- Bag Filter Hoppers
- Air Heaters
- Dust Collectors
- Power Plants
- Cement Plants
- Steel Plants
- Refineries

STD Sizes

- 152 x 203 mm
- 152 x 1521 mm
- 305 x 305 mm
- 305 x 1520 mm

Custom sizes available

HIGH TEMPERATURE STITCHING

INSULATION LINING

CABLE EXIT WITH EYELET

VELCRO / BUCKLE CLOSURE

DURABLE STITCHING & FINISH

CUSTOM MADE TO REQUIREMENT

Hitco's

Redefining Thermal Solutions...

OUR PRODUCT RANGE

- CeraSleeve™ — Ceramic Bobbin - Indirect Heater
- MINI™ COIL HEATERS
- CORRU-HEAT — FLANGED TUBULAR HEATERS
- FlangedTubularHeater™ — Flanged Tubular Heaters
- HeatRing — CIRCULAR TUBULAR HEATERS
- HI-EFFICIENT HEATING AND COOLING SOLUTIONS
- nduceheat™ — INDUCTION HEATING SYSTEM
- InfernoHeat™
- ImmerzHeat — IMMERSED TUBULAR HEATERS
- INSUL PLUS™ — POWER SAVING HEATER
- INSUL WRAP™ — High Temperature Insulation Blankets
- maXwatt™ — HIGH DENSITY CARTRIDGE HEATERS
- Nanotec — Nano Infrared Barrel Heaters
- TURBO HEATERS
- TurboPlate™ Heaters
- XPRO-HEAT — EXPLOSION PROTECTED

Energy Efficient | Reliable Performance | Safe & Durable | Global Solutions | Customer Focused

Hitcos®

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