

KM1200 HT Insulation Jackets

Are made of high temperature resistant fabrics as inner and outer layers with blanket as medium layer and sewn into one integral part by using heat resistant sewing threads. The jackets contain no asbestos and have been successfully used to replace traditional insulations of rockwool glass wool, calcium silicate and perlite with aluminum or stainless steel outer facing.



FEATURES :

1. Multiple times RE-MOVABLE and RE-USABLE

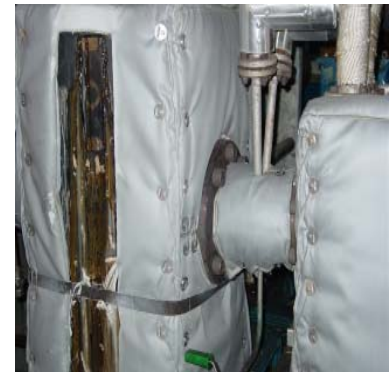
The jackets are in most cases **fabricated to order** to fit the contour of the heated objects. Installation by using steel pin and fast clips is very easy and require no special tools or techniques. The jackets are most suitable for insulation of frequently maintained parts (ie. Pipe flanges and valves) and equipments with intricate shapes (ie. Heat exchangers, engine turbo-charger).

2. Excellent Insulation Effects:

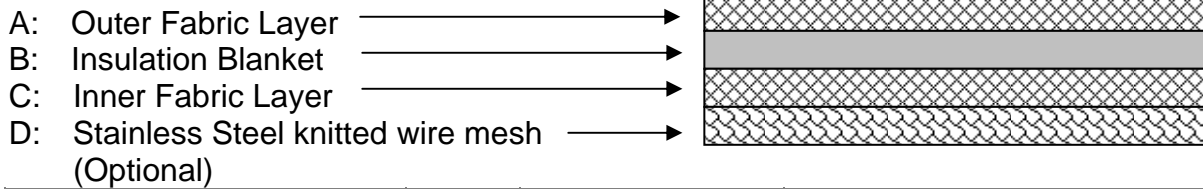
The low thermal conductivity and low specific heat of medium layer blanket making the jackets a very efficient insulator.

3. Water/Moisture/Oil Proof, Durable, and non-pollutant:

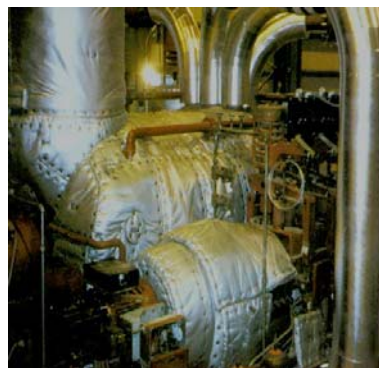
The jackets are made of non-asbestos materials with, in most cases, coated outer layer to eliminate air-borne fiber/particles and for water/oil proof or UV resistance. By appropriate design and fabrication, the jackets can last for long time.



Typical Jacket Construction



Product ID.	Layer	Recommended Temperature Limit °C	Special Feature/Remarks
IN-AL	A	200	One side aluminized fiberglass
IN-FLUO	A, C	280	PTFE coating, water/oil repellent, excellent weathering and UV resistance
INSIL	A, C	200	Silicone rubber coating, water/oil repellent
KM600	A, C	450	Standard texturized E-fiberglass Heat-cleaned to tan color
KM700	A, C	650	Specially treated E-fiberglass for high temperature strength and flexibility
KM800	A, C	750	Specially formulated fiberglass
KM1000	A, C	1000	96% to 98% silica content
KM1200	A, C	1200	Strong and flexible to 1200°C
SIB (Super Insulator Blanket)	B	600	Lowest thermal conductivity
KM600 Needled Blanket	B	600	
KM1000 Needled Blanket	B	1000	
Ceramic Fiber Blanket	B	1000	
Knitted stainless wire mesh	D	600	



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Thermotech Co., Ltd.