HOT INSULATION

TAILOR-MADE TYPE

REMOVABLE INSULTION JACKET

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PIP KRA

REMOVABLE/REUSABLE INSULATION JACKET
FOR ACOUSTIC INSULATION BLANKET

PIP-KRA_500FB

▶ ACOUSTIC INSULATION BLANKET

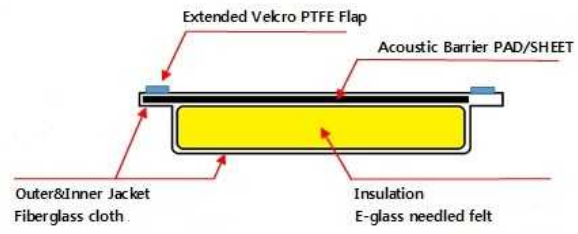
TECHNICAL CHARACTERISTICS

Insulation material _ 538℃ (1000℉)

E-glass fibers fabricated in mat form _ ASTM C1086

Inner liner & outer jacket

Fiberglass fabric impregnated with **silicone** bases resin
having a min. weight of 540g/㎡_ ASTM D3776
inside acoustic Barrier PAD/SHEET
For operating temperatures to 260℃ (500℉) below



Accessories

All hardware such as D-ring, buckles, tags, etc., Type 316 stainless steel

Sewing thread

Machine stitching, kevlar-coated stainless steel thread

KOREA INSU CO.,LTD
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Blanket Thickness Surface Temperature Reference	
Operating Temperature	Thickness / Surface Temperature
500°F (260°C)	1" / 100°F

APPLICATION

Marine Applications

- Installs around engine exhaust mainfold associated piping
- Reduces risk of personnel injuries
- Internal and external pipings, Flanges, Valves and Equipment

Industrial

- Valves and Flange
- Pumps and Equipment, Instrumentation
- Tubing lines and piping

Pipe Size or O.D. (NPS) (in.)	Operating Temperature, °C																				
	To 75	76 to 100	101 to 125	126 to 150	151 to 175	176 to 200	201 to 225	226 to 250	251 to 275	276 to 300	301 to 325	326 to 350	351 to 375	376 to 400	401 to 425	426 to 450	451 to 475	476 to 500	501 to 525	526 to 538	to	to
1 and less	25	25	25	25	25	25	25	25	25	25	25	40	40	40	40	50	50	50	65	65		
1 1/2	25	25	25	25	25	25	25	25	25	25	40	40	40	40	50	50	50	65	65	65		
2	25	25	25	25	25	25	25	25	25	40	40	40	40	50	50	50	65	65	65	75		
3	25	25	25	25	25	25	25	25	40	40	40	40	50	50	50	65	65	75	75	75		
4	25	25	25	25	25	25	25	25	40	40	40	50	50	50	65	65	75	75	75			
6	25	25	25	25	25	25	25	40	40	40	50	50	50	65	65	75	75					
8	25	25	25	25	25	25	25	40	40	50	50	50	65	65	75	75						
10	25	25	25	25	25	25	40	40	40	50	50	65	65	65	75	75						
12	25	25	25	25	25	25	40	40	40	50	50	65	65	75	75							
14	25	25	25	25	25	25	40	40	40	50	50	65	65	75	75							
16	25	25	25	25	25	25	40	40	50	50	50	65	65	75	75							
18	25	25	25	25	25	25	40	40	50	50	65	65	75	75								
20	25	25	25	25	25	25	40	40	50	50	65	65	75	75								
24	25	25	25	25	25	25	40	40	50	50	65	65	75	75								
30	25	25	25	25	25	40	40	40	50	50	65	65	75									
36	25	25	25	25	25	40	40	40	50	50	65	75	75									
>36 to Flat	25	25	25	25	25	40	40	50	50	65	75	75										

NOTES:

1. *Insulation thicknesses are based on design parameters in PIP INSR1000 Table 1 for personnel protection, using maximum thermal conductivity for glass fiber felt insulation in accordance with ASTM C1086.*

Hot Insulation Thickness - 1998 Design Parameters	
Personnel Protection Design Wind Speed	1 m/s (2 mph)
Personnel Protection Design Summer Dry Bulb Temperature	35°C (95°F)
Personnel Protection Maximum Surface Temperature	60°C (140°F)
Emittance of Existing Surface	0.9

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