



**FLEXiN**  
MANUFACTURING INC.

2012



A FLEXIN COMPANY & PRODUCT OVERVIEW ON **FLEXIBLE REUSABLE INSULATION BLANKETS**

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# FLEXIN REUSABLE INSULATION BLANKETS

## Did You Know?

Our company president was part of the first groups of engineers & designers who built removable insulation blankets to meet the needs of the petrochemical industry. Our only business is removable blankets so you can be certain your orders and needs will get our full attention.

DOWNLOAD OUR ELECTRONIC VERSION AT  
[WWW.FLEXIN.US](http://WWW.FLEXIN.US)





# ALL ABOUT FLEXIN MANUFACTURING INC. & REUSABLE INSULATION BLANKETS



Acoustical Application of Flexin Reusable Insulation Blankets

## FLEXIN MANUFACTURING INC

manufactures reusable insulation blankets and services for a large variety of industries worldwide. With over 30 years of experience, we have what it takes to meet all of your insulation needs. Our commitment to excellence has earned us our customer's trust and loyalty. We pride ourselves on providing the best customer service with quality products that you and your company can count on.

## RESPONSIVENESS

We respond immediately to any questions. In addition, we make sure your application needs are met. If required, we will develop a custom insulation blanket for you.

## COMPLETE IN-HOUSE CAPABILITY

We can establish computations, needs, and alternate solutions to insulating problems. Designs can be developed from customer prints, engineering models, or existing parts. Our engineering services also include designers who are available for custom field design work.

## BENEFITS OF INSULATION BLANKETS

**Lower Equipment Maintenance Costs** – When equipment has to be repaired, the insulation blanket can be easily removed.

**Inspection Friendly Use** – If equipment must be inspected, it is easy to remove all or part of the blanket and then cover the equipment again.

**Safety** – Removable insulation blankets are asbestos free and flame retardant.

**Better Energy Conservation** – Since removable blankets are made to custom fit equipment, heat from the equipment is better maintained and controlled.

“ WE CAN CUSTOMIZE  
FLEXIN INSULATION  
BLANKETS FOR ANY  
JOB YOU HAVE! ”



Customized Insulation Blanket Applications



# APPLICATIONS FOR REMOVABLE INSULATION SYSTEMS



Custom Insulation Blankets



Any Application Large or Small

We Can Meet Any Requirement!

## POWER UTILITIES

Flexin has years of experience servicing cogeneration facilities and power utility companies. Our insulation blankets have been used on steam and gas turbines and other specialized equipment.

## PETROCHEMICAL

Flexin Reusable Insulation Blankets have been used in oil refineries, gas plants, offshore oil platforms and more. Our insulation blankets can be installed often while your process is on line. In fact Flexin is capable of meeting all of your needs and requirements for your project while staying within your project budget.

## MARINE APPLICATIONS

Flexin Reusable Insulation Blankets are specifically designed to provide heat conservation and personnel protection in all marine applications. Our blankets exceed the US Coast Guard specifications and provide excellent thermal and acoustical insulation.

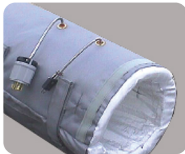
# ELECTRICAL / HEATED BLANKETS

## FLEXIBLE INSULATION COVERS WITH INSTALLED HEATING ELEMENTS

## ADVANTAGES

Uniform Heat Transfer... Easy installation and removal... Lower Operating Cost... and Professional Appearance... Flexin Heating Blankets use knitted tape elements stitched to the liner for unsurpassed even distribution of heat at lower watt density than strips or bands. The composite construction includes wiring, sensor zones, insulation and closures. Eliminating the need for individual installation. Modular design allows for easy installation and removal.

Our Heating Jackets have capabilities from freeze protection and maximum exposure protection to 1400° F. (760° C). Features can include built in sensors, (thermocouples RTDs etc.) multiple heat zones, all common voltages, built-in voltages, built-in thermal insulation and easy fastening closures.



Heating Jacket Applications

“ WE PROVIDE A GUARANTEE ON ALL BLANKETS SOLD TO YOU. ”



# REUSABLE INSULATION BLANKETS

☐ CUSTOM DESIGNED BY FLEXIN FOR ANY APPLICATION IN ANY INDUSTRY

## INDUSTRY APPLICATIONS OF FLEXIN REUSABLE INSULATION BLANKETS

Used in a variety of applications and industries, Flexin Reusable Insulation Blankets will not only provide labor savings but are also great for noise reduction, energy conservation, fireproofing, freeze protection and provide personal protection to your personnel.

## ENERGY CONSERVATION

In most applications, the benefits of using Flexin Reusable Insulation Blankets can be seen in less than six months from the time of installation.

## PERSONNEL PROTECTION

Keep your personnel safe with Flexin blankets, reduce the surface temperature levels of equipment and piping to levels that are needed for a safe working environment.

## NOISE CONTROL

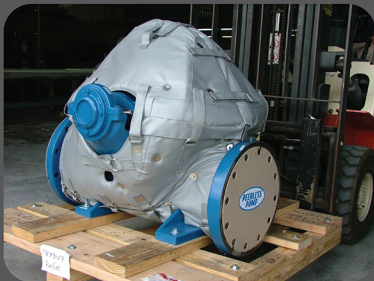
Eliminate high noise levels in your work environment with Flexin Reusable Insulation Blankets. Our insulation blankets can reduce decibel levels in your work environment to safe levels that will protect your personnel's hearing.

## FREEZE PROTECTION

Flexin Reusable Insulation Blankets get the job done, protecting all of your equipment in the field from freezing temperatures.

## LABOR SAVINGS

Flexin Reusable Insulation Blankets can normally be installed and removed by just one person, saving you time and money compared to other forms of equipment insulation applications.



## TYPICAL APPLICATIONS

### PIPING

Spool pieces  
45° & 90° Ell's  
180°  
Tees  
Reducing Outlet Tees  
Concentric Reducers  
Eccentric Reducers

### VALVES

Gate Valves  
Check Valves  
Globe Valves  
Control Valves  
Angle Valves  
Ball Valves  
Relief Valves  
Butterfly Valves

### EQUIPMENT

Pumps  
Turbines  
Exchangers  
Column Heads  
Manways  
Expansion Joints  
Exhaust Systems  
Steam Traps

### FLANGES

Pipe Fittings  
Orifice Flanges  
Blind Flanges  
Exchanger-  
Flanges

### INSTRUMENTATION

D.P. Cells  
Level Gauges  
Level Controllers  
Manifolds  
Flow Transmitters

### FIREPROOFING

Motor Operated Valves  
Emergency Isolation Valves  
Conduit Cable Trays



### Flexin Manufacturing

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