



O'BRIEN

FLEXPAK[®]

Flexible Reusable Insulation



FLEXPAK

Reusable Flexible Insulation
for Industrial Equipment Requiring
Periodic Access and Maintenance

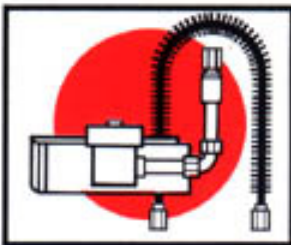
Save **TIME**, Save **ENERGY**, Save **MONEY**,
Specify **FLEXPAK** . . .
Here are **10 Good Reasons** why!

- Winterization
- Prevents Freezing
- Reusable
- Retrofit Applications
- Reduce Heat Loss
- Increase Energy Savings
- Standard Designs are Easy to Order
- Lightweight
- Easy Installation



- Withstands Temperature Extremes
- Craftsmanship
- Custom Tailored Appearance
- Chemical Resistance
- Acoustical Deadening and Vibration Resistance
- Personnel Protection

Features



FREEZE PROTECTION

Flexpaks protect critical process instrumentation from freezing. Flexpak enclosures are excellent weather barriers, and will

maintain proper heat for specific operating conditions when combined with steam and electric heating systems available from O'Brien.

CRAFTSMANSHIP

Flexpak's quality appearance, fit and performance are beyond equal. Each Flexpak enclosure is produced from computer generated patterns providing an exact fit for each application.



CHEMICAL RESISTANCE

Flexpak insures instrument protection in even the most corrosive industrial environments. A choice of materials is available depending on the requirements for your particular application.

EASY TO ORDER

Flexpaks are easy to order. An extensive list of standard designs for common applications saves ordering time. Off the shelf, quick delivery at an economical price make Flexpak a truly competitive insulation method.



EASY INSTALLATION

Flexpak's lightweight, flexible construction makes it easy to install, and that saves installation time. In most cases a Flexpak can be installed by one man in

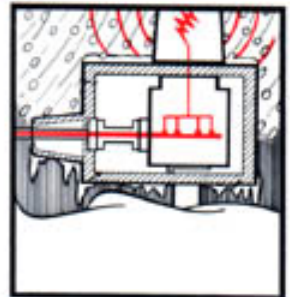
minutes compared to the hours required for conventional rigid insulation.

WITHSTANDS TEMPERATURE EXTREMES

Flexpaks withstand equipment or ambient temperatures ranging from $-65^{\circ}\text{F}(-54^{\circ}\text{C})$ to $1000^{\circ}\text{F}(534^{\circ}\text{C})$. Quality and durability are available in a choice of materials to handle your needs.

REDUCED HEAT LOSS

Flexpaks prevent excessive heat loss from high temperature equipment. The resultant energy savings can typically generate a payback of several months. As a customer service, O'Brien can provide a detailed heat loss analysis for specific site conditions.



RETROFIT APPLICATIONS

Flexpak is an ideal solution for enclosing and protecting existing field mounted equipment. Its flexible construction enables installation around existing pipes, conduit and accessory items.

PERSONNEL PROTECTION



Flexpaks provide added personnel safety in high traffic areas because exposed high temperature surfaces can be covered or enclosed.

ACOUSTICAL DEADENING and VIBRATION RESISTANCE

Flexpak enclosures provide a significant decrease in noise level. Due to its flexible, pliable design, Flexpak can be used on vibrating equipment where other types of insulation will break down.

Specifications

MATERIAL OPTIONS

LINER & JACKET (inner & outer layers of fabric) Silicone impregnated fiberglass (to 500°F), untreated woven fiberglass (to 1000°F), and stainless steel wire mesh (to 1200°F).

INSULATION Choice of thickness from 1/2", 1", 2" or 3". Available materials include a non-hygroscopic low temperature insulation (to 250°F), Type E glass fiber fabricated in mat form with low chloride level and no resinous or organic binders (to 1200°F), needled ceramic glass mat with no organic binders (to 1400°F), elevated temperature fiberglass blanket (to 500°F). All insulation is asbestos free.

FASTENING TECHNIQUES

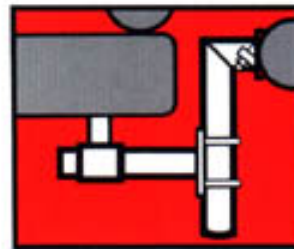
Three basic methods are available including hook and loop, stainless steel lacing hooks, and cinch belts.

ENGINEERED HEATING SYSTEMS

Steam and electric heating systems are available for a wide variety of industrial equipment. These systems are thoroughly designed to meet all codes and are tested in O'Brien's environmental chamber to insure proper heat for specific operating conditions.

MISCELLANEOUS OPTIONS

Drain grommets, wind flaps with drawstrings and Teflon windows are just a few of the many options available with Flexpak enclosures.



SUPPORT EQUIPMENT

O'Brien's line of Saddlepak® mounting support systems are available to complement Flexpak enclosures by providing strong modular supports for a wide variety of industrial equipment.

SERVICE TEMPERATURE

Design combinations are available to withstand temperatures from -65°F (-54°C) to 1000°F (534°C).

In certain situations, the use of any insulation can increase equipment body temperature which could possibly result in equipment failure or leakage at flange connections.

Consideration should therefore be given to the maximum operating temperature of equipment, the proper metallurgy of bolts, sufficient retorquing of bolts and nuts, and possible retorquing when at operating temperature.

Proper installation procedures will make it possible to use Flexpak insulation without the inconvenience and expense of equipment failure and resultant down time.

Specifications subject to change without notice.

Teflon is a registered trademark of the E.I. DuPont Company.

How To Order

Specify the device to be covered, giving the manufacturer and model number.

Specify what portion of the device is to be covered and any special requirements or conditions.

Specify the operating temperature, the insulation thickness and the materials of construction required for the Flexpak.

Manufactured under license in:
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Prices/Specifications subject to change without notice.