



## Geyser Insulation Pack

Glasswool: an energy saving solution for geyser systems



PROUDLY MADE  
IN SOUTH AFRICA



The **Geyser Insulation Pack** consists of a foil faced Glasswool insulation blanket and five 1 metre long Glasswool Snap On Pipe Insulation.

## TECHNICAL DATA SHEET



### ENERGY SAVING

#### DESCRIPTION

The Isovex Geyser Insulation Pack is a high performance insulation solution that maintains the hot water temperature from the geyser and water pipes to the taps.

The pack consists of a foil faced Glasswool insulation blanket in a kit form that includes 5 x 1 m, high density Glasswool Snap On Pipe insulation of 15 mm \*ID bore x 20 mm wall thickness and duct tape.

\*Internal Diameter

#### QUALITY MANAGEMENT SYSTEM

Isovex products are manufactured according to ISO 9001:2015.

#### ENVIRONMENTAL SUSTAINABILITY

Isovex products are manufactured according to ISO 14001:2015. Less material, less energy and less emissions

- Zero ozone depleting potential (ODP)
- Zero global warming potential (GWP).

#### FEATURES & BENEFITS

- Energy saving
- Lightweight and easy to handle
- DIY friendly
- Maintenance free
- Long product life - will not readily age
- Suitable for high humidity applications.



### NON-COMBUSTIBLE



### ENVIRONMENTALLY FRIENDLY RECYCLED GLASS

## FIRE PROPERTIES

### Geyser blanket:

- Non-combustible – tested to SANS 10177 Part 5
- Class 1 fire index rating – tested to SANS 10177 Part 3
- Class A1, s1, d0 according to EN 13823
- Tested to ASTM E-84
  - Flame Spread Index: 20
  - Smoke Development Index: 5

### Pipes:

- Class 1 fire index rating - tested to SANS 10177 Part 3.

## THERMAL PROPERTIES

Contributes to energy savings by reducing heat loss through the geyser and associated piping due to the inherent thermal insulation properties.

## APPLICATIONS

- Domestic
- Commercial
- Public sector buildings.

## DURABILITY

- Odourless, inert and fully compatible with all standard building materials and components
- Will not promote corrosion of steel, copper or aluminium
- Will not sustain vermin
- Will not breed or promote fungi, mould or bacteria
- Non-hygroscopic.

## PHYSICAL PROPERTIES

| Product                           | R-value (m <sup>2</sup> .K/W) | Dimensions (mm)    | K-value | Qty/pack (W/m.K) |
|-----------------------------------|-------------------------------|--------------------|---------|------------------|
| Foil Faced Glasswool Blanket      | 1.28                          | 2 500 x 1 200 x 50 | 0.039   | 1 Roll           |
| Glasswool Snap on Pipe insulation | 1.00                          | 1 000 x 15 x 20    | 0.033   | 5 x 1 metre      |

### Typical values

## TOOLS NEEDED FOR INSTALLATION

A sharp blade may be needed for cutting.

## INSTALLATION INSTRUCTIONS

1. Wrap the entire geyser - ensure the foil is facing the outside.
2. Secure the blanket with the binding tape supplied and cut off excess.
3. Close the ends and tape down.
4. Install pipe insulation around pipes to and from the geyser (mitre cut pipe sections around bends).

## HANDLING & STORAGE

Store product under cover and in dry conditions. Store flat. Handle with care, especially on the edges and corners, which can be damaged if subject to sharp or heavy impact. Do not apply excessive pressure, for example by standing or sitting on the product, as permanent damage may be caused.

## ARCHITECTURAL SPECIFICATION

Install 50 mm thick, non-combustible, lightweight Glasswool Geyser Blanket around geyser or hot water cylinder. Seal edges with duct tape. Apply 20 mm thick "Snap On Pipe" insulation on the incoming cold water pipes and insulate all outgoing hot water pipes.



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