



## Insta-Lag® Pre-fabricated Insulation

Insta-Lag® is a pre-fabricated product for hot pipe insulation that has been designed to meet the requirements of state-of-the-art insulation technology.

Insta-Lag® has been designed for use on process pipework for temperature control, energy conservation and as personal protection in hot applications.

Based on the Isometrics and the specification, Insta-Lag® is prefabricated in a controlled workshop environment and delivered to site for installation.

The components come in a full range of pre-fabricated components including; straights, bends, valves, and flange boxes.

The Insta-Lag® system covers a wide range of sizes and range of temperatures (up to 650C).

The system comes complete with insulation and cladding ready to be installed.



### Advantages of Insta-Lag®

#### Constuction:

- > Simplified and accelerated on site installation
- > Reduction of airborne man-made mineral fibres  
Insta-Lag® pipe sections are treated for fibre encapsulation
- > Reduction of on-site hours and manning levels
- > Savings on scaffolding
- > Majority of work is undertaken off site in a controlled environment
- > Less qualified installers can be used
- > Gain in the total quality of the installation

#### Maintenance:

- > Easily removable
- > Can be re-used
- > No need for specialist tradesmen

### Challenges of Conventional Insulation

- > Highly labour-intensive
- > Site safety issues
- > Scaffold required for all installation work
- > Variable quality of insulation
- > Program management issues
- > Progress totally controlled by events on the site
- > Not easily removable for maintenance
- > Declining trade skills
- > Man-made mineral fibre issue



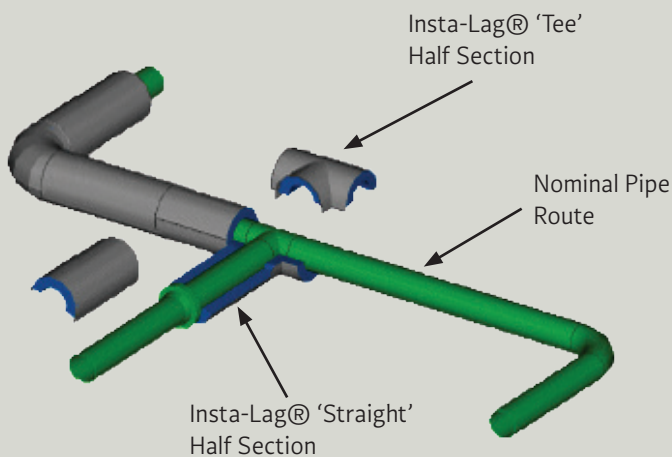




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## Insta-Lag® Installation



The Insta-Lag® system is generally supplied with Rockwool insulation material bonded to 0.55 mm Colorbond™. It can however be supplied in a wide range of insulation and cladding materials to meet specific requirements. These include glasswool and polyurethane insulation materials and stainless steel, Galvabond and aluminium cladding.

## References

KAEFER has supplied extensive product throughout Australia to the following refineries:

- > Cawse Nickel
- > Alcoa Wagerup Alumina Refinery
- > Port Campbell Gas Facility Victoria
- > Alcoa Kwinana Alumina Refinery
- > QAL Gladstone Alumina Refinery
- > Qenos NSW Chemical Plant
- > Comalco Alumina Refinery
- > Alcan Gove Alumina Refinery
- > Worsley Alumina Refinery

## The KAEFER Solutions Team

- > Technical experts in insulation design, fabrication and supply
- > Global procurement cost economies
- > Technical assistance with project execution
- > Supply only or supply and install

