



Typical Applications

- Viscous Fluids
- Acid plants
- Chemical plants
- Food industries
- Aboveground
- Underground



Technical data insulation

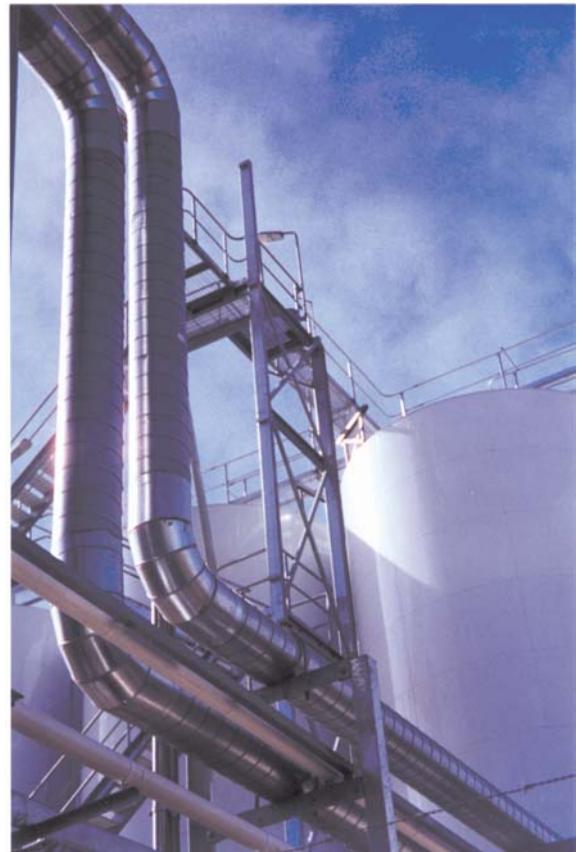
Thermal conductivity	0.024 W/m ^{°K}
Compressive strength	320 kPa
Shear strength	205 kPa
Density	65 kg/m ³
Temp. range	-50 to +130°C
Vapour permeability aboveground	1.8x10 ⁻⁵ metric perm

Underground System Casing Material

High density polyethylene, one-piece extruded

Above Ground System Casing Materials

- Spiral wound galvanised steel
- Spiral wound stainless steel
- Spiral wound aluminium
- Spiral wound epoxy coated steel
- High density polyethylene, one-piece extruded



Process Pipe

Normally single or double randoms to Engineers specification in copper or steel.



• Efficient insulation - temperature maintained in long runs.



• High quality demanded by the Food Processing Industry

System Benefits

- **High efficiency insulation**

- Half the thickness of mineral wool
- Allows more space in pipe racks
- More energy efficient
- Pipe size reduction possible

- **Trace Heating Capabilities**

- Raceway incorporated accepts most heat trace cables.

- **Reduced Site Time and Cost**

- Install three systems in one operation: Insulation, Vapour barrier and Cladding
- Simple assembly using standard equipment
- No extra trades
- Less reliance on site skills

- **Quality**

- Factory insulated under controlled conditions
- Qualified procedures and controlled conditions throughout manufacture
- No weather delays, damp insulation or reduction in quality due to site conditions or remoteness.
- Minimum reliance on site skills.

- **Fire Resistance**

- 2-hour fire rating to enhance safety

- **High Strength Casing**

- Needs no casing penetrations at supports or hangers
- Self-supports on casing: even 900mm pipe
- No drop-off in efficiency

- **Subcontractor liaison as required for practical solutions**

- Selection of subcontractors
- Training through data modules
- Training on-site
- Site supervision
- Assistance with commissioning
- Completion on-time and within budget

- **Rugged structure**

- Long-term integrity of casing
- Long-life system
- Reduced corrosion