

# Permapipe

PRE-INSULATED PIPE



## Ensure efficiency, longevity and safety with Permapipe's range of low temperature pre-insulated piping systems.

Designed to transport low temperature gases and fluids, our quality guaranteed piping systems are delivered custom made and ready to install using our simple reinstatement process, complete with vapour tight joint, bend, reducer and tee kits as required.

We use trained specialists and state of the art single shot polyurethane injection equipment, keeping heat loss and/or gain to an absolute minimum.

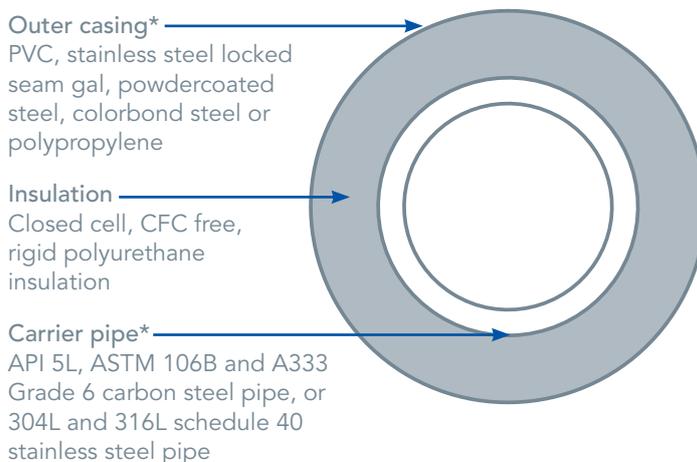
Designed and manufactured with a consistent fill factor eliminating any weak points, you can rely on the safety of the system for years to come. Ongoing research and development ensures continuing advances in system efficiencies, and rigorous testing provides confidence in the reliability and safety of our systems.

With polyurethane having nearly twice the insulation properties of polystyrene, while also having zero ODP (Ozone Depletion Potential) and zero VOC (Volatile Organic Compound), Permapipe's systems will provide the most energy efficient and sustainable solution for any project requiring the transport of liquids or gas with minimum energy loss.

**Choose Permapipe's pre-insulated pipe for optimum performance even in the most demanding applications.**

Material	Closed cell polyurethane foam
Application	Pre-insulated pipe insulation
Density	45kg/m <sup>3</sup> nominal
Moisture absorption	<5% by volume
Thermal conductivity	0.022 W/mk (+/-0.002)
R-value at 50mm*	R2.27
Constant working temperature	-50°C to +100°C
Compressive strength	270 kPa

\*R-value stated is for flat surfaces. R-values for curved surfaces vary depending on the surface diameter. Please contact Permapipe Systems for further information.



\*Other materials and systems are available upon request



**Permapipe**  
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Quality Certified Company



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